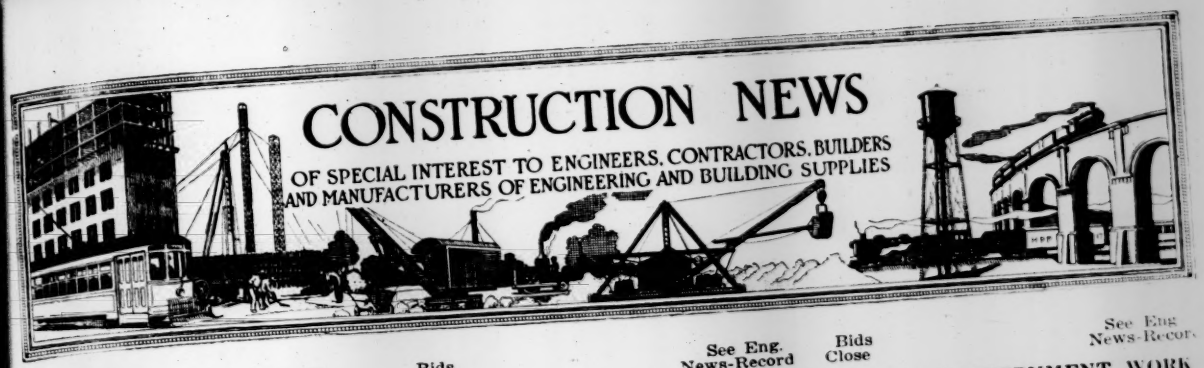
CONSTRUCTION NEWS
OF SPECIAL INTEREST TO ENGINEERS, CONTRACTORS, BUILDERS
AND MANUFACTURERS OF ENGINEERING AND BUILDING SUPPLIES

PROPOSALS

"For Proposals Advertised see the pages immediately following the Construction News Section."

WATERWORKS

Bids Close		See Eng. News-Record
Sept. 15	Pitman, N. J. Adv. Sept. 4.	Sept. 4
Sept. 16	Statesville, N. C.	Aug. 28
Sept. 16	South Amboy, N. J.	Sept. 4
Sept. 17	Kansas City, Mo.	Aug. 21
Sept. 17	North Scituate, R. I.	Sept. 11
Sept. 19	Winchester, Ky.	Sept. 11
Sept. 22	Chadron, Neb.	Sept. 11
Sept. 24	Marcy, N. Y. Adv. Sept. 11.	Sept. 11
Sept. 30	Detroit, Mich.	Sept. 11
Oct. 2	East Hartford, Conn. Adv. Sept. 11.	Sept. 11

SEWERS

Sept. 15	Alexandria, La.	Sept. 4
Sept. 15	Morgantown, W. Va.	Sept. 11
Sept. 16	Lake City, S. C. Adv. Sept. 4.	Sept. 4
Sept. 17	Scardsdale, N. Y. Adv. Sept. 11.	Sept. 11
Sept. 18	Drew, Miss.	Sept. 4
Sept. 19	Beloit, Wis.	Sept. 11
Sept. 22	Wilbur, Neb.	Sept. 11
Sept. 23	Broken Bow, Neb.	Sept. 11

BRIDGES

Sept. 15	Portsmouth, Va.	Aug. 28
Sept. 15	St. Louis, Mo.	Sept. 11
Sept. 16	Wayne, W. Va.	Aug. 21
Sept. 16	Dublin, Ga.	Sept. 4
Sept. 17	Pasco, Wash.	Aug. 28
Sept. 17	Central City, Neb.	Sept. 11
Sept. 22	Norristown, Pa. Adv. Aug. 28.	Aug. 28
Sept. 22	Duluth, Minn.	Sept. 11
Sept. 23	Harrisburg, Pa. Adv. Aug. 14.	Aug. 14
Sept. 23	Harrisburg, Pa.	Sept. 11
Sept. 24	Lexington, N. C.	Sept. 11
Sept. 29	New Jersey Adv. Sept. 11.	Sept. 11

STREETS AND ROADS

Sept. 15	North Carolina	Sept. 4
Sept. 15	Clayton, Mo.	Aug. 28
Sept. 15	Sanford, Fla.	Aug. 28
Sept. 15	New Mexico	Aug. 28
Sept. 15	Belair, Md. Adv. Sept. 4.	Sept. 4
Sept. 15	Washington	Sept. 4
Sept. 15	Manitowoc, Wis.	Sept. 11
Sept. 15	Duquesne, Pa.	Sept. 11
Sept. 15	Lakewood, O.	Sept. 11
Sept. 15	Muskegon, Mich.	Sept. 11
Sept. 15	Lincoln, Neb.	Sept. 11
Sept. 15	Richmond, Utah	Sept. 11
Sept. 15	St. Biuno, Que.	Sept. 11
Sept. 15	Ithaca, N. Y.	Sept. 11
Sept. 15	Union, N. J.	Sept. 11
Sept. 15	Crookston, Minn.	Sept. 11
Sept. 15	Tuscumbia, Ala.	Sept. 11
Sept. 16	Phoenix, N. Y.	Sept. 11
Sept. 16	St. Louis, Mo.	Sept. 11
Sept. 16	Michigan	Sept. 11
Sept. 16	Waseca, Minn.	Sept. 11
Sept. 16	Massachusetts	Sept. 11
Sept. 16	Maryland Adv. Sept. 4.	Sept. 4
Sept. 16	Lewisburg, W. Va. Adv. Aug. 28.	Aug. 28
Sept. 16	Griffin, Ga.	Aug. 28
Sept. 16	New Mexico	Aug. 28
Sept. 16	Prosser, Wash.	Aug. 21
Sept. 16	New Orleans, La.	Aug. 21
Sept. 16	Grafton, N. D.	Sept. 11
Sept. 17	Rockwall, Tex.	Sept. 4
Sept. 17	Illinois	Sept. 4
Sept. 18	San Antonio, Tex.	Sept. 11
Sept. 18	Tennessee	Sept. 11
Sept. 18	Marion, Ark.	Aug. 21
Sept. 18	Hawkisbury, Ont.	Sept. 11
Sept. 19	St. George, S. I., N. Y.	Sept. 11
Sept. 20	Madill, Okla.	Aug. 28
Sept. 20	Fayetteville, Ark.	Sept. 4
Sept. 20	Independence, Mo.	Sept. 11
Sept. 20	Falfurrias, Tex.	Sept. 11
Sept. 22	Lyons, Kan.	Aug. 28
Sept. 23	Keyser, W. Va. Adv. Sept. 4.	Sept. 4
Sept. 23	Peru, Neb.	Sept. 11
Sept. 23	Beaver City, Neb.	Sept. 11
Sept. 23	Keyser, W. Va.	Sept. 11
Sept. 23	Athens, Ga. Adv. Sept. 11.	Sept. 11
Sept. 23	Philadelphia, Pa.	Sept. 11
Sept. 23	Salisburg, Md.	Sept. 11
Sept. 24	Lexington, Neb.	Sept. 11
Sept. 24	Elwood, Neb.	Sept. 11
Sept. 24	Manitowoc, Wis.	Sept. 11
Sept. 24	Kimbal, Neb.	Sept. 11
Sept. 25	North Bergen, N. J.	Sept. 11
Sept. 25	Loup City, Neb.	Sept. 11
Sept. 26	Aitkin, Minn.	Sept. 11
Sept. 27	Pennsylvania Adv. Sept. 11.	Sept. 11
Sept. 30	Blackfoot, Idaho	Sept. 11
Oct. 1	Faribault, Minn.	Sept. 11
Oct. 2	Madison, W. Va.	Aug. 14
Oct. 10	Tacoma, Wash. Adv. Aug. 14.	Sept. 11
Oct. 13	Lancaster, Mo.	Sept. 11

EXCAVATION AND DREDGING

Sept. 15	Denver, Colo.	Sept. 11
Sept. 16	Wapello, Ia.	Sept. 11
Sept. 16	Benson, Minn.	Sept. 4
Sept. 18	Montreal, Que.	Sept. 4
Sept. 18	Tishomingo, Okla.	Sept. 11
Sept. 22	Tower Minn.	Aug. 21
Sept. 22	New York, N. Y.	Sept. 11
Sept. 22	Duluth, Minn.	Sept. 4
Sept. 29	Waseca, Minn.	Sept. 11

INDUSTRIAL WORKS

Sept. 13	New York, N. Y.	Sept. 11
Sept. 15	New York, N. Y.	Aug. 28
Sept. 15	Duluth, Minn.	Sept. 11
Sept. 17	Mont Alto, Pa.	Sept. 4
Sept. 20	New York, N. Y.	Sept. 11

BUILDINGS

Sept. 15	Salt Lake City, Utah	Sept. 4
Sept. 15	St. Louis, Mo.	Sept. 11
Sept. 15	Salt Lake City, Utah	Sept. 11
Sept. 15	Timothy, Wis.	Sept. 11
Sept. 16	Bethlehem, Pa.	Sept. 4
Sept. 16	Framingham, Mass.	Sept. 4
Sept. 17	Norristown, Pa.	Sept. 11
Sept. 17	Toronto, Ont.	Sept. 11
Sept. 19	Yorkton, Sask.	Sept. 11
Sept. 20	Cap de la Madeleine, Que.	Sept. 4
Sept. 20	Montevideo, Minn.	Sept. 4
Sept. 20	Elk City, Okla.	Sept. 4
Sept. 20	Adrain, Mich.	Sept. 11
Sept. 20	Arvada, Colo.	Sept. 11
Sept. 20	Omaha, Neb.	Sept. 11
Sept. 20	Butte, Mont.	Sept. 11
Sept. 20	Rochester, Minn.	Sept. 11
Sept. 20	Salt Lake City, Utah	Sept. 11
Sept. 22	Holton, Kan.	Sept. 4
Sept. 22	San Francisco, Cal.	Sept. 11
Sept. 22	Eldorado, Kan.	Sept. 11
Sept. 22	Toronto, Ont.	Sept. 11
Sept. 24	Selkirk, Man.	Sept. 11
Sept. 25	Brooklyn, N. Y.	Sept. 4
Sept. 25	Moncton, N. B.	Sept. 11
Sept. 29	Ankeny, Ia.	Sept. 11
Sept. 30	Salt Lake City, Utah	Sept. 11
Sept. 30	Biwabik, Minn.	Sept. 11
Oct. 1	St. Paul, Minn.	Aug. 28
Oct. 1	Virginia, Minn.	Aug. 28
Oct. 1	Wichita, Kan.	Sept. 11
Oct. 1	Fulton, Mo.	Sept. 11
Oct. 1	Mt. Pleasant, Ia.	Sept. 11
Nov. 23	Winner, S. D.	Sept. 11

FEDERAL GOVERNMENT WORK

Bids Close		See Eng. News-Record
Sept. 15	Earthwork—St. Louis, Mo. Adv. Aug. 21.	Aug. 21
Sept. 15	Post Office—Winnemucca, Nev. Adv. Aug. 21.	Aug. 21
Sept. 15	Kitchen and Mess Hall — Stapleton, N. Y. Adv. Aug. 21.	Aug. 21
Sept. 17	Development of Base — Spec. 3762 — Key West, Fla.	Aug. 28
Sept. 17	Turbo Generator — Spec. 4017—Portsmouth, N. H.	Sept. 4
Sept. 17	Turbo Alternator — Spec. 4011—Charleston, S. C.	Sept. 4
Sept. 17	Boilers and Power Plant—Spec. 4025—Annapolis, Md.	Sept. 11
Sept. 17	Heating System and Building—Spec. 4021—Rockaway, N. Y.	Sept. 11
Sept. 18	Dredging—Newport, R. I.	Sept. 4
Sept. 18	Sewerage System—Water Service Lines and Electric Lighting Plant—Washington, D. C.	Aug. 28
Sept. 18	Jetty Repair — Wilmington, Del. Adv. Aug. 21.	Aug. 21
Sept. 18	Post Office—North Topeka, Kan.	Aug. 14
Sept. 19	Grading — Washington, D. C.	Sept. 11
Sept. 19	Rip Rap — Tompkinsville, N. Y.	Sept. 11
Sept. 22	Material — Charles Town, W. Va.	Aug. 21
Sept. 22	Post Office — Charleston, W. Va.	Aug. 21
Sept. 22	Storehouse — Watertown, Mass.	Sept. 11
Sept. 23	Heating System—Tacoma Park, Washington, D. C.	Sept. 11
Sept. 24	Building — Spec. 4009 — Puget Sound, Wash.	Sept. 11
Sept. 24	Boat House—Reedy Island, Del. Adv. Sept. 11.	Sept. 11
Sept. 24	Laundry — Spec. 4006 — Annapolis, Md.	Sept. 11
Sept. 24	Mechanical Stokers—Spec. 4010—Charleston, S. C.	Aug. 28
Sept. 24	Reciprocating Air Compressor — Spec. 3837 — Puget Sound, Wash.	Aug. 28
Sept. 26	Post Office and Custom House—Providence, R. I. Adv. Aug. 21.	Aug. 21
Sept. 29	Dredge, etc.—Wilmington, N. C. Adv. Aug. 28.	Aug. 28
Sept 29	Dredging—Baltimore, Md. Adv. Sept. 11.	Sept. 11
Sept. 30	Remodeling Hospital—Boston, Mass.	Aug. 28
Sept. 30	Dock—Charleston, S. C.	Sept. 4
Sept. 30	Hospital — Spec. 3931 — Pearl Harbor, Hawaii	Sept. 4
Sept. 30	Rubble Mound Breakwater Cleveland, O.	Sept. 4
Oct. 1	Valves, Gates, etc.—Denver, Colo. Adv. Aug. 21.	Aug. 21
Oct. 1	Electric Lighting and Power Systems—Spec 3982—Mare Island, Cal.	Aug. 28
Oct. 2	Equipment—Denver, Colo.	Sept. 11
Oct. 3	Post Office—Midland, Mich.	Sept. 11
Oct. 3	Lock and Dam — Pittsburgh, Pa. Adv. Sept. 11.	Sept. 11
Oct. 4	Dredging — Wilmington, Del. Adv. Sept. 11.	Sept. 11
Oct. 6	Post Office—St. Johnsburg, Vt.	Aug. 28
Oct. 6	Levee Work — St. Louis, Mo. Adv. Sept. 11.	Sept. 11
Oct. 6	Building—Marianna, Ark.	Sept. 11
Oct. 8	Dredging—Detroit, Mich. Adv. Sept. 11, 18, 25 and Oct. 2.	Sept. 11

Bids Close		See Eng. News-Record
Oct. 10	Dredge—New York, N. Y. Adv. Aug. 28.	Aug. 28
Oct. 10	Post Office—Lock Haven, Pa.	Sept. 4
Oct. 14	Post Office—Pratt, Kan.	Sept. 11
Oct. 22	Power Plant Improvements —Spec. 3956—Pearl Harbor, Hawaii	Sept. 11
Nov. 3	Post Office and Court House —Honolulu, H. T.	Aug. 21

MISCELLANEOUS

Sept. 15	Pier—New York, N. Y.	Sept. 11
Sept. 15	Levee—Alexandria, La.	Aug. 14
Sept. 16	Breakwater—Petit Rocher, N. B.	Aug. 28
Sept. 17	Wharf—Meteghan, N. S.	Aug. 28
Sept. 17	Breakwater—Quaco, N. B.	Aug. 28
Sept. 17	Breakwater — Whitepoint, N. S.	Sept. 4
Sept. 18	Heating, Ventilating, etc.—Union, N. J.	Sept. 11
Sept. 18	Retaining Wall — Grosse Pointe, Mich.	Sept. 11
Sept. 22	Wharf—Naramata, B. C.	Aug. 28
Sept. 22	Flood Gates—Pine Bluff, Ark.	Sept. 11
Sept. 23	Land and River Borings—New York, N. Y.	Sept. 11
Sept. 23	Turbines, etc.—Saskatoon, Sask. Adv. July 24.	July 24

Where name of official is not given, inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

N. J., Bayonne—City soon receives bids building 48 in. steel water pipe line from Gate House of East Jersey Water Co., North Arlington, to here. About $1,125,000.

Md., Baltimore—City retained N. S. Hill, Jr., engr., c/o Hill & Ferguson, 112 East 19th St., New York City, to make survey of water supply situation, and to embody in report recommendations to be carried out that will insure the city an adequate supply of water for years to come.

N. C., Spring Hope—City receives bids about Sept. 15, improving waterworks, sewers, streets and sidewalks. About $85,000. J. H. Wells, Rocky Mount, engr.

Fla., Ft. Meyers—City voted $45,000 bonds to extend water mains and sewerage system. Property owners will appropriate like amount.

Ky., Carrollton—City election Nov. 4 to vote on $25,000 bonds to build waterworks and electric light systems. J. E. Guinea, mayor.

O., Greenville—Town plans to build water system and light plant. Bonds for $45,000 voted for project.

O., Hamilton—City plans to extend water system, involving several c. i. or rein.-con. water mains and numerous laterals. About $150,000. W. Weaver, city engr.

Mich., Oakwood (Navarre P. O.)—H. L. Russell, engr., 505 Moffat Bldg., Detroit, soon lets contract trenching and laying 3000 ft. 12 in. vitr. pipe and 8 brick manholes, in Liberty Park Subdivision. About $13,000.

Wis., Brillion—See "Sewers."

Neb., McCook—City Council soon lets contract extending waterworks system. About $15,000.

S. D., Spearfish—City election Sept. 16 to vote on $50,000 bonds to install waterworks system.

Tex., El Paso—City election Oct. 4 to vote on $200,000 bonds to improve waterworks system. J. N. Gladding, city engr.

Tex., Frankston—City voted $10,000 bonds to improve waterworks system.

Okla., Collinsville—City voted $40,000 bonds to build water filtration plant. Engineer not selected.

Okla., Henryetta—City plans election soon to vote on $75,000 bonds to extend water mains and build reservoir. Engineer not selected.

Okla., Nowata—City retained Burns & McDonald, engrs., Interstate Bldg., Kansas City, Mo., to prepare plans for improvements to waterworks and electric-light plant.

Okla., Ponca City—City voted $150,000 bonds to build waterworks system. Engineer not selected.

Nev., Winnemucca—Winnemucca Water & Light Co. plans to enlarge present system and relay feeder lines. About $25,000.

Ariz., Globe—City plans election to vote on $250,000 bonds to remodel present water pumping station and replace present water mains with c.i. pipe. Johnson & Benham, Firestone Bldg., Kansas City, Mo., engrs.

Wash., Walla Walla—Commercial Club and City Comrs. investigating and having surveys made extending water system into Wenaha Forest and establishing intake several miles beyond present site. About $10,000. F. Wills, city clk.

Cal., Los Angeles—Municipal Impvt. Dist. No. 10 voted $100,000 bonds as districts share of cost to build pipe line about 25 mi. long, to carry water from Los Angeles Aqueduct in San Fernando Valley to Sawtelle Dist., also build reservoir, distributing system for domestic and irrigation purposes, etc. About $700,000. J. P. Vroman, 645 South Olive St., secy. bd. pub. serv. comn. W. Mulholland, 645 South Olive St., engr.

Cal., Norwalk—See "Buildings."

Cal., Porterville—South Tule Independent Ditch Co. plans to build distributing system, cost $300,000; also dam to impound waters of South Tule River, cost between $30,000 and $50,000. H. H. Holly, Visalia, engr.

Ont., New Toronto—Town plans to build 4100 ft. 16 in. c.i. water mains in 6th St. from pumphouse to reservoir. About $31,000. James, Loudon & Hertzberg, 36 Toronto St., Toronto, engrs.

BIDS DESIRED

R. I., North Scituate—Until Sept 17, by Water Supply Bd., Providence, building outlet works at Moswansicut Pond, 9 mi. west of Providence near proposed Scituate reservoir, involving 1100 cu.yd. excav., 1000 cu.yd. embankment and 120 cu.yd. concrete. B. T. Potter, chn.

Conn., East Hartford (Hartford P. O.)—Until Oct. 2, by Fire Dist., at office of Dist. Comrs., Wells Hall, Main St., building extensions to waterworks system, including 2 concrete covered reservoirs, low dam, 16 in. c.i. pipe line, 6.6 mi. long with all connections and appurtenances. F. A. Harwood, clk.; advertised in this issue.

N. Y., Marcy—Until Sept. 24, by State Hospital Comn., Capitol, Albany, building concrete dam, gate house, reservoir and appurtenances for Marcy Division of Utica State Hospital, here. E. S. Elwood, secy.; advertised in this issue.

Md., Brunswick—Until Sept. 17, by Mayor and City Council, furnishing and laying 3600 ft. 8 in. wood stave pipe and building circular concrete-lined storage reservoir, 3,000,000 gal. capacity. About $30,000. Norton, Bird & Whitman, 616 Munsey Bldg., Baltimore, engrs. Noted Aug. 14.

Ky., Winchester—Until Sept. 19, by city, building waterworks system. S. B. Tracy, clk.

Mich., Detroit—Until Sept. 30, by Bd. Water Comrs., 232 Jefferson Ave., building foundation and sub-structure of low lift pumping station. B. F. Guiney, pres.; advertised in this issue.

Neb., Chadron—Until Sept. 22, by City Clerk, laying new supply mains and replacing some old mains, also building 750,000 gal. concrete lined reservoir. Work involves 27,000 ft. 14 in. pipe, wood, c.i., steel or rein.-con. About $145,000. G. T. Prince, 532 Bee Bldg., Omaha, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Boston**—City let contract building pipe delivery line, to G. H. Byrne, 160 Devonshire St., $31,750. Work involves 300 ft. 12 in. c.i. pipe for land construction and 3400 ft. 12 in. submerged flexible pipe.

★**Cal., Harper**—Newport Mesa Irrigation Dist. let contract building circular concrete reservoir, 150 ft. diameter, 14 ft. deep, to J. L. Ackland, 818 South Kingsley, Los Angeles, $13,975. Contract subject to approval of W. J. McClure, state engr.

★**Cal., Wilmington**—Union Oil Co., Union Oil Bldg., Los Angeles, let contract building 60,000 bbl. circular earth and concrete reservoir, 340 ft. diameter, 15 ft. deep, at refinery, here, to Bent Bros., Central Bldg., Los Angeles, $11,700. Owner will furnish cement and do excavating and backfilling.

Sewers

PROPOSED WORK

Mass., Chicopee—City plans to lay 2200 ft. 12 in. vitr. sewer pipe in Meadow and Caroline Sts. About $11,500.

Pa., New Castle—See "Streets & Roads."

Md., St. Michaels—Bd. Comrs. had plans prepared for sewage disposal plant. About $35,000. H. C. Lieb, pres. L. J. Houston, Jr., Fredericksburg, Va., engr.

W. Va., Martinsburg—City rejected bids building sewers, mains, laterals and sewage disposal plant. Work will be readvertised. Noted Mar. 13.

N. C., Spring Hope—See "Waterworks."

Fla., Ft. Meyers—See "Waterworks."

O., Middletown—City will soon sell $20,000 bonds to build sanitary and storm sewers involving 8-24 in. vitr. or concrete pipe. M. Weber, city engr.

O., Springfield—City soon lets contract furnishing and laying 8-24 in. vitr. pipe sewers in Rubsam, Yellow Springs and Grant Sts. About $18,000. W. E. Lucas, city engr. Noted July 17.

Ind., Franklin—City having plans prepared by C. Brossman, engr., 1503 Merchants Bank Bldg., Indianapolis, for sewage disposal plant.

Mich., Grosse Point Farms (Detroit P. O.)—Village soon lets contract furnishing materials and building storm sewers and appurtenances in various streets, involving 8435 ft. 24-36 in. rein.-con. or 10-36 in. vitr. piping. R. H. Erley, Village Hall, Kerby Rd., engr.

Wis., Brillion—City having plans prepared building sewage disposal plant, also excavating and laying 4 mi. 10-12 in. vitr. pipe sewers and water mains in Main St. Cost between $20,000 and $40,000. J. Donohue, York Bldg., Sheboygan, engr.

Ia., Boone—City soon lets contract for 10,345 lin.ft. sanitary sewers. O. Hile, clk.

Ia., Sioux City—City receives bids about Sept. 20, building 76 blocks 8-10 in. sanitary sewers. About $25,000. P. J. Wells, clk.

Neb., Franklin—City receives bids in spring installing sanitary sewers in various streets. About $50,000. Grant, Fulton & Letton, 505 Bankers Life Bldg., Lincoln, engrs.

Neb., McCook—City Council soon lets contract building sewerage system in Dist. No. 2. About $14,500.

Neb., Ord—City plans to install 12-48 in. storm and sanitary sewers in various streets. About $80,000. Rohrbough Eng. Co., 929 City Natl. Bank Bldg., Omaha, engrs.

Mont., Billings—City receives bids in about 30 days building 32,000 ft. 8 in. sewer laterals in Yellowstone and Suburban Homes additions. E. M. Sneckenberger, city engr. Noted Mar. 27.

Tex., El Paso—City election Oct. 4 to vote on $100,000 bonds to install sewage disposal plant. J. N. Gladding, city engr.

Ore., Portland—City soon lets contract building 8 in. vitr. or cement pipe, manholes, catchbasins, sewer service branches, etc., in Grand Ave., from Alberta to Wygant Sts. About $10,000. Work to be completed in 60 days. O. Laurgaard, city engr.

Cal., Glendale—City having surveys and estimate prepared by Olmsted & Gillelen, engrs., 1112 Hollingsworth Bldg., Los Angeles, for sewerage system and sewage disposal plant. About $400,000. J. C. Sherer, clk.

Cal., Oakland—See "Streets and Roads."

Ont., London—City receives bids about Sept. 15, building 8, 10, 12 and 18 in. tile sewerage system in Knollwood Park Dist. About $88,000. H. A. Brazier, City Hall, engr.

Ont., Ottawa—Bd. Control soon receives bids building 15 and 18 in. tile pipe vitr. sewer in Emmett St. from Lewis to Lisgar Sts., cost, $18,100; also 9 in. tile pipe vitr. sewer in Julian Ave. from Wellington to Byron Sts., $2300. A. F. McCallum, City Hall, engr.

BIDS DESIRED

N. Y., Scarsdale—Until Sept. 17, by village, building 1600 lin.ft. 8 in. sewer pipe in Tompkins Rd., to include manholes and 700 cu.yd. rock excav. J. R. Ross, clk.; advertised in this issue.

W. Va., Morgantown—Until Sept. 15, by J. M. Cregg, clk. Monongalia Co., grading, furnishing and placing tile drains in 1.6 mi. Dellslow-Greer Rd. from Hagedorn's Mill to Lime Kiln Run.

Sewers (Continued)

Ala., Tuscumbia — See "Streets and Roads."

Wis., Beloit—Until Sept. 19, by Dept. Pub. Wks., relaying 546 ft. 8 in. sewers and 290 ft. 6 in. house drains in Portland Ave from 10th to Hackett Sts., Sewer Dist. "C."

Wis., Beloit—Until Sept 19, by Dept. Pub. Wks., installing 4189 ft. 8 in. sewers and 12 manholes in Gerald Ave. from Park to Union Aves., Partridge Ave. from Strong to White Aves., Strong Ave. from Prairie to Ashley Aves., Ashley Ave. from Strong to White Aves., Park Ave. from Henry to Bayliss Aves., Bayliss Ave. from Park Ave. to point west of Church Ave., Sewer Dist. "B," 660 ft. 8 in. sewers and 1 manhole in Middle St. from 4th to 5th Sts., and Roosevelt Ave. from 3d to 4th Sts., Sewer Dist. "C."

Neb., Broken Bow—Until Sept. 23, by F. M. Skillman, city clk., building sewage disposal plant, also sanitary sewers and laterals. Work involves 46,719 ft. 8-15 in. vitr. pipe and 240 ft. 8-16 in. c.i. pipe, also two 150 gal. per minute septic tanks. About $150,000. Grant, Fulton & Letton, 505 Bankers' Life Bldg., Lincoln, engrs.

Neb., Wilbur—Until Sept. 22, by W. Bohacek, city clk., installing 32,151 ft. main and lateral sanitary sewers in various streets, involving 23,481 ft. 8 in., 4966 ft. 10 in. and 3704 ft. 12 in. vitr. pipe. About $43,000. Grant, Fulton & Letton, 505 Bankers Life Bldg., Lincoln, engrs.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Boston** — See "Streets and Roads."

★**Conn., Stamford**—City let contract building brick and rein.-con. sewage disposal plant, rein.-con. flooring, concrete foundation, to include Imhoff tanks, sludge drying beds, storage basin and screen chamber and laboratory building, to F. Palmer, 131 Sound View Ave. About $225,000. Noted Aug. 7.

★**N. C., Goldsboro** — City let contract building 9 mi. sewers, to Sullivan, Long & Haggerty, Birmingham, Ala. About $100,000.

O., Bexley—L. S. Higgins, clk., received bids Sept. 5, laying 6000 ft. 36-60 in. main sewers with branches running in northerly direction, and 3200 ft. 15 in. and 4800 ft. 18 in. sanitary sewers in same trench with main sewers, from Sheets Constr. Co., $195,000, and Ames Constr. Co., $225,000, both contractors of Columbus. Noted Aug. 28.

★**O., Toledo**—D. H. Goodwillie, serv. dir., let contract building Sewer No. 1363, involving 4752 ft. 8 in. vitr. pipe, 16 manholes, etc., to Gessner Co., 616 Nicholas Bldg., $9241. Noted Aug. 14.

Mich., Detroit—Dept. Pub. Wks. received bids building lateral sewers (a) No. 3145, (b) No. 3146, (c) No. 3147, (d) No. 3148, (e) No. 3149, (f) No. 3151, (g) No. 3163, (h) No. 3172, (i) No. 3174, (j) No. 3178, from Western Constr. Co., 1208 Ford Bldg., (a) $956, (b) $8391, (c) $10,809, (d) $8976 (e) $19,891, (f) $8948, (h) $13,657; Detroit Contg. Co., 827 Ford Bldg., (a) $10,367, (b) $7990, (c) $10,990, (d) $8468, (e) $10,966, (f) $8120, (h) $13,850, (i) $9900, (j) $11,222; Lennane & McIlvenna, Book Bldg., (a) $8950, (b) $8250, (c) $10,800, (d) $8750, (e) $10,950, (f) $8750; N. Mancinci, 256 Hague Ave., (g) $4391, (j) $11,900; Walker-Teetaert Co., 530 North Dame St., Grosse Pointe, (g) $5017, (j) $11,976; Liberty Constr. Co., Penobscot Bldg., (h) $13,439, (i) $8400. Noted Aug. 28.

Mich., Detroit—City received bids building 5372 ft. brick or concrete sanitary sewer in Newport Ave., from J. A. Mercier, 216 Hammond Bldg., $75,208; Jeynes & Affeld, 1208 Ford Bldg., $86,987; G. B. Hoag Constr. Co., Commercial Bank Bldg., Cleveland, $94,018.

★**Mich., Port Huron**—City let contracts to C. Mugovero, Port Huron, furnishing labor and material building complete lateral sewers in alleys No. 11 and 12, cost $2375; Water St., from 14th to Bridge Sts., $6346; Nelson St., from 14th to 16th Sts., $3588; Carleton St. from 14th to Schoolcraft St., $16,649, involving 9732 ft. 8-15 in. vitr. pipe; to J. Kaumeier, Port Huron, Bancroft St. from 12th to 16th St., $9532 and Minnie St., from 12th to 16th St., $8123, involving 4152 ft. 8-15 in. vitr. pipe.

★**Mich., Royal Oak**—Town let contract building 4000 ft. 12-24 in. vitr. pipe sewers in Seven Mile Rd., Lincolnshire Land Co.'s Subdivision, involving earth trenching and 13 brick manholes, to Thorp & King, Royal Oak. About $15,000.

★**Wis., Kenosha**—City let contract installing sewers in Corcoran Drive and Fairview Ave., to C. Johnson, 812 Grover St. About $75,000.

★**Wis., Port Washington**—City let contract excavating and laying 10-12 in. vitr. pipe sewers, in Main St., to A. McGrane, Port Washington, $10,890.

★**Wis., Sheboygan**—City let contract excavating and laying 10 in. vitr. pipe sewers in 16th and Georgia Aves., to C. Honold Co., 821 Pennsylvania Ave., $10,150.

★**Neb., Alliance** — See "Streets and Roads."

★**Neb., Lincoln**—City let contract building lateral sewers in various streets to G. L. Vlasnik, Lincoln. About $36,900.

★**Neb., Spalding**—City let contract building 12,802 ft. 8 in. and 3830 ft. 10 in. vitr. sewer pipe in various streets, involving 11,000 cu.yd. excav., to Katz Constr. Co., 409 Brandeis Theatre Bldg., Omaha, $22,714.

★**Neb., Wayne**—City let contract installing storm sewers in various strets, to Katz Constr. Co., 400 Brandeis Theatre Bldg., Omaha, $33,200. Work involves 7246 ft. 12-60 in. rein.-con. and segmental block pipe, 60,000 lbs. c.i. and 7000 cu.yd. earth trenching.

★**Ore., Bend**—See "Streets and Roads."

★**Cal., Los Angeles**—Bd. Pub Wks. let contract building concrete sewage pumping pit in Manchester Ave., to J. F. Blee, 501 Stimson Bldg., $12,000. Noted Aug. 28.

★**Cal., Los Angeles**—City let contract building cement pipe sewers in Homer St., et al, to W. Gosling, 3853 Montclair St., $24,888. Noted Aug. 21.

★**Cal., Oakland**—City let contract building sewer in Kingsland Ave., to Hutchinson Co., 444 17th St., $10,198. Work involves 1252 ft. 18-21 in. pipe, etc.

★**Cal., Santa Barbara**—See "Streets and Roads."

★**Ont., Newmarket**—City let contract supplying and laying 2875 ft. 8-18 in. vitr. sewers and 25 concrete manholes, to MacNamara Bros., Saulte Ste Marie. About $20,000. Noted Mar. 27.

Bridges

PROPOSED WORK

Pa., Pittsburgh—Dept. Pub. Wks. soon receives bids for repairs and reconstruction of floor system of Penn Ave. Bridge over Pennsylvania R.R. tracks, $12,500, general structural repairs to Millvale Ave. Bridge over Pennsylvania R.R. tracks, $1650, repairs to concrete floor of 28th St. Bridge over Pensylvania R.R. tracks, $1650, reconstruction of roadway floor on Wilmot St. Bridge over Cunliffe Hollow, $13,000, reconstruction of steps of Highland Ave. Bridge, $500; total cost, $33,650. N. S. Sprague, city engr.

Ill., Burton—Town soon lets contract building Coles Bridge, steel on rein.-con. abutments, 90 ft. span on center line of roadway, 16 ft. wide, involving 137 cu.yd. concrete, 7360 lb. reinforcing steel, cost $8670; also two 45 ft. spans on center of roadway, 16 ft. wide, 321 cu.yd. concrete, 36,860 lb. reinforcing steel, etc., $7750.

Minn., Blue Earth—Comrs. Faribault Co. rejected bids received Sept. 2, building Bridge No. 3130, 60 ft deck girder, 22 ft. roadway, No. 3131, 230 ft. span, 20 ft. roadway, No. 3132, 18 ft. slab span, 24 ft. roadway. About $11,500. R. J. Short, Blue Earth, engr Noted Aug. 21.

Okla., Pryor—Mayes Co. voted $200,000 bonds to build 6 bridges. Engineer not selected.

Utah, Fillmore—See "Streets and Roads."

Cal., Lompoc—See "Streets and Roads."

Ont., Finch—J. G. Cameron, engr., Finch, soon lets contract building 2 concrete culverts with 10 ft. span and necessary approaches for Dundas, Stormont and Glengarry counties. About $10,000.

BIDS DESIRED

New Jersey—Until Sept. 29, by State Highway Comn., Broad St. Bank Bldg., Trenton, building Bridge No. 46, 10 ft. span, 30 ft. wide, at Sta. 45+85, Route 3, Hamilton-Ancora Sect.; No. 172, 10 ft. span, 30 ft. wide, at Sta. 121+40, Route 3, Hammonton-Ancora Sect.; No. 174, 15 ft. span, 30 ft. wide, at Sta. 174+63, Route No. 3, Ancora-Atco Sect.; No. 46, 13 ft. span, 30 ft. wide, at Sta. 415+80, Route No. 3, Ancora-Atco Sect., all rein.-con. in Camden Co., A. L. Grover, ch. clk.; advertised in this issue. Noted Sept. 4.

Pa., Harrisburg—Until Sept. 23, by T. W. Templeton, supt. bd. comrs. pub. grounds and buildings, Capitol, furnishing labor and material for constructing bridge over Wapaseening Creek, on Pennsylvania State Highway, Route No. 15. L. W. Mitchell, secy.

N. C., Lexington—Until Sept. 24, by Comrs. Davidson Co., building 4 additional beam bridges. N. S. Mullican, Lexington, engr.

Minn., Duluth—Until Sept. 22, by W. H. Borgen, aud. St. Louis Co., building 30 rein.-con. and steel bridges. About $200,000 R. W. Acton, co. engr. Noted Aug. 14.

Neb., Central City—Until Sept. 17, by H. V. Nelson, clk., Hamilton Co. (Aurora) building bridge, here, 800 ft. long, 24 ft. wide, to have sixteen 50 ft. rein.-con. arch spans. Work involves 2500 cu.yd. rein.-con., 17,500 lin.ft. wooden piling and 40,000 cu.yd. earth approach and fill. About $125,000. G. E. Johnson, c/o State Highway Dept., Lincoln, engr.

Mo., St. Louis—Until Sept. 15, by C. E. Smith, city engr., building 200 ft. rein.-con. and steel bridge over Missouri Pacific R.R. tracks, on Southwest Ave. About $40,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**R. I., Barrington**—State Bd. Pub. Rds., State House, Providence, let contract building state bridges Nos. 72, 106, 108 and 122, known as Coventry Center Bridge, Coventry, Oak Valley and Branch River Bridge, Burrillville and Nyatt Bridges to R. Stoddard, Chelsea, $28,669. Noted Aug. 14.

★**Pa., Washington**—Controllers Washington and Westmoreland Counties let contract building repairs and replacements to inter county bridge over Monongahela River, connecting Donora and Webster, to Farris Eng. Co., Empire Bldg., Pittsburgh. Noted Aug. 21.

O., Toledo—See "Streets and Roads."

★**O., Willoughby**—Bd. Comrs. Lake Co. let contract building rein.-con. viaduct over Chagrin River and Valley, here, to King Bridge Co., East 69th St., Cleveland, $242,237; approaches, to Walsh Constr. Co., Citizens Bldg., Cleveland, $17,090. Noted Aug. 7.

★**Michigan**—State Highway Dept., Lansing, let contract building 316 ft. steel bridge, 34 ft. wide, with two 86 ft. fixed spans and 1 bascule span, involving 1960 cu.yd. concrete, 259 tons steel, etc., to A. B. Morrison, South Military St., Port Huron. About 160,000.

★**Wis., West Bend**—Parsons & Orbert, engrs., 627 M. & M. Bank Bldg., Milwaukee, let contract for city to J. Schneider Constr. Co., Main St., Menasha, building rein.-con. bridge over Milwaukee River on Division St. About $17,800. Noted Aug. 28.

★**Minn., Minneapolis**—Comrs. Hennepin Co. received bids building (a) 800 ft. rein.-con. and steel bridge on Lyndale Ave., having 100 ft. draw span, 24 ft. wide, (b) 840 ft. bridge over Minnesota River on Cedar Ave. to have 5 spans rein.-con. flooring, 20 ft. wide, from W. S. Hewett, Metropolitan Bank Bldg., (a) $193,878, (b) $116,998; Illinois Steel Bridge Co., Gilfillan Blk., St. Paul, (a) $219,947, (b) $114,940; Minneapolis Steel & Mchy. Co., Minnehaha Ave., (h) $115,973. Noted Aug. 14.

Cal., Carlsbad—Bd. Supervs. San Diego Co. (San Diego) received bids building rein.-con. girder bridge over Aqua Hedionda Creek near here, from De Waard Bros., 207 Granger Bldg., 19,496; B. B. Boyd, $20,160; Wright & Doran, San Diego, $20,522.

★**B. C., Pritchard**—Dept. Pub. Wks., Victoria, let contract building 132 ft. timber bridge over Thompson River, 16 ft. wide, with 1000 ft. approach, involving 1600 lin.ft. wooden piling, to W. Greenlees, 407 Cordova St., W., Vancouver. About $30,000. Noted Aug. 7.

Reinforced Concrete

PROPOSED WORK

Pa., McKeesport—See "Buildings."

Ill., Chicago—See "Buildings."

Ont., Finch—See "Bridges."

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Minn., Minneapolis—See "Bridges."

Streets and Roads

PROPOSED WORK

Conn., Hamden—Town plans to pave State St., Dixwell and Whitney Aves. asphalt and concrete. About $100,000. G. M. Warner, Highwood, 1st selectman.

Streets and Roads (Continued)

N. J., Mays Landing—Bd. Freeholders Atlantic Co. soon lets contract building section White Horse Pike, Galloway Twp., involving 115,846 sq.yd. 1 course concrete pavement. A. H. Nelson, co. engr. Noted Apr. 17.

Pa., Emsworth (Pittsburgh P. O.)—Boro. rejected bids grading, paving and curbing Locust St. Project will be readvertised in spring. Noted Sept. 4.

Pa., New Castle—City Council plans to sell $100,000 bonds to repave streets and build sewers. C. H. Milholland, city engr.

Pa., Scranton—City Council plans to grade, pave and curb Columbia St. from Boulevard to Washington Aves., 1st and 2nd wards, Grandview St. from Boulevard to Wyoming Aves., 1st ward, sheet asphalt and stone blocks on concrete base, $29,561 and $16,724 respectively. W. Schunk, city engr.

W. Va., Charleston—Kanawha Co. having plans prepared grading, draining and surfacing 2.6 mi. Elk River Rd., involving 61,000 cu.yd. excav. and 24,000 sq.yd. cement concrete surfacing. About $138,500. F. G. Burdette, Charleston, engr.

W. Va., Grantsville—Calhoun Co. plans to grade 4½ mi. Arnoldsburg-Spencer Rd. D. W. Shock, Dodrill, engr.

W. Va., Lewisburg—Greenbrier Co. having plans prepared by F. K. Rader, engr., Lewisburg, grading 7.86 mi. and surfacing 2 mi. Midland Trail Rd., involving 32,000 cu.yd. excav., and 18,000 sq.yd. penetration macadam. About $66,500.

W. Va., Marlinton—Pocahontas Co. soon receives bids paving 5.87 mi. Edray-Marlinton-Huntersville Rd. bituminous macadam. About $84,370. H. Kramer, Barlow, engr. Noted May 22.

W. Va., Morgantown—Monongalia Co. Union Dist. voted $150,000 bonds to build 13½ mi. roads. L. M. Cox, Morgantown, engr. Noted Aug. 14.

W. Va., Moundsville—Marshall Co. soon receives bids paving ½ mi. Narrows Rd., vitr. brick. About $23,700. R. C. Yoho, co. engr.

W. Va., Parkersburg—City passed ordinance to pave Depot, Beaver, 18th, Park, Oak, 16th, 17th and 18th Sts., 23 ft. wide, concrete. Noted May 22.

W. Va., Romney—Hampshire Co. having plans prepared by H. D. Munroe, engr., Romney, grading, draining and surfacing 8.5 mi. Northwestern Turnpike, between Romney and Augusta, involving 32,000 cu. yd, excav. and 60,000 sq.yd. gravel surfacing. About $57,500.

W. Va., Weston—Lewis Co. plans to grade and pave 2½ mi. Pole Creek Rd., vitr. brick. About $108,390. W. K. Spaur, Weston, engr.

N. C., Andrews—City plans to pave various streets, probably asphalt. About $40,000.

N. C., Charlotte—Mecklenburg Co. rejected bids hard surfacing 6 mi. Charlotte-Monroe Rd. About $150,000. W. S. Fallis, Raleigh, engr. Noted Aug. 28.

N. C., Jackson—Comrs. Northampton Co. plan to grade and surface roads in Gaston Twp. Cost between $75,000 and $100,000. Engineer not selected.

N. C., Lumberton—Comrs. Robeson Co. plan to build and improve various roads. About $1,000,000. Engineer not selected.

N. C., Spring Hope—See "Waterworks."

N. C., Yanceville—Yancey Co. plans to grade and surface roads. About $300,000. W. S. Fallis, Raleigh, engr.

Fla., Ft. Meyers—City voted $50,000 bonds to pave various streets. Property owners will appropriate like amount.

La., New Orleans—City plans to pave and install subsurface drains on 451 ft Canal St. from Louisville & Nashville Ry. depot to river, 37 ft. wide, wood block on 6 in. concrete base, $37,000; repave 3490 ft. St. Charles St. from Canal St. to Lee Circle, 40 ft. wide, wood block, asphalt, bituminous concrete or bitulithic pavement on 6 in. concrete base, involving 11,623 ft vitr. brick gutter, 2000 cu.yd. concrete, 90 sq.yd. small granite block, 200 lin.ft. concrete curb, 70 lin.ft. concrete circular curb, etc. $84,600. T. L. Willis, city engr.

Ohio—State Highway Comn., Columbus, plans to grade, build bridges and culverts and pave .4 mi. Sect. "C" also grade and pave .48 mi. Sect. "D-1" of Bryan-Napoleon Rd., waterbound macadam, Henry Co., cost $57,940 and $27,123 respectively; grade and pave .10 mi. Sect. "P" Logan-New Lexington Rd., monolithic brick, Perry Co., $7513.

Ohio—State Highway Comn., Columbus, plans to build following Federal Aid roads: 3.76 mi. Dennison-Cadiz Rd. and 2.27 mi. East Liverpool-Bellaire Rd., concrete, Harrison Co., cost $50,000 and $45,000 respectively; 2.02 mi. Woodburn Rd. and 2.02 mi. Hicksville Rd., concrete, Pauling Co., $20,200 each; 3.39 mi. Ohio River Rd., bituminous macadam, Lawrence Co., $60,000.

Ohio—State Highway Comn., Columbus, soon receives bids grading, building bridges and culverts and paving 5 mi. Youngstown-Conneaut Rd., monolithic brick, Ashtabula Co. About $155,601.

O., Hamilton—City soon receives bids paving 4200 ft. Sherman, Progress and Webster Sts., 30-40 ft. wide, involving 14,000 sq.yd. asphalt, concrete or brick block. About $70,000. W. Weaver, city engr.

Michigan—State Highway Dept., Lansing, soon lets contract shaping, draining and surfacing 7.459 mi. State Trunk Line Rd. No. 22-2, Leelanau Co., involving 70,019 sq.yd. gravel, 212.8 cu.yd. concrete, and 5774 cu.yd. earth excav.; also 3.759 mi. State Trunk Line Rd. No. 17-2-B, Jackson Co., involving 24,064 cu.yd. earth excav.

Michigan—State Highway Dept., Lansing, soon lets contract shaping, surfacing and draining 1.764 mi. State Trunk Line Rd., No. 47-6, Saginaw Co., involving 16,562 sq.yd. waterbound macadam or stone gravel and 5528 cu.yd. earth excav.; 2.829 mi. State Trunk Line Rd. No. 47-7, Saginaw Co., 39,829 sq.yd. bituminous concrete and 18,747 cu.yd. earth excav.; 2.538 mi. State Trunk Line Rd. No. 46-1, Montcalm Co., 23,828 sq.yd. gravel, 202.8 cu.yd. concrete and 11,380 cu.yd. earth excav.; 2.536 mi. State Trunk Line Rd. No. 63-1, Lake Co., 23,803 sq.yd. gravel and 3428 cu.yd. earth excav.

Mich., Detroit—Dept. Pub. Wks., soon lets contract paving with asphaltic concrete on 6 in. concrete foundation, Berea or Medina curbstone Blaine Ave. from Linwood Ave. to Dexter Blvd., Martindale Ave. from Grand River to Colfax Aves. and Newberry Ave. from Junction to Calvary Aves., 26 ft. wide, involving 11,298 cu.yd. excav., 11,881 lin.ft. curbstone, 17,939 sq.yd. paving, 356 cu.yd. concrete, 657 lin.ft. retaining stone; also paving with 1 course concrete, alleys No. 1068-1088 inclusive, involving 7911 cu.yd. excav., 27,438 sq.yd. 1 course concrete, 24,058 lin.ft. retaining plank, 335 lin.ft. retaining stone, 15 cu.yd. concrete and 25 lin.ft. curbstone.

Mich., Detroit—Dept. Pub. Wks. soon lets contract paving Bellevue, Hart and Sheridan Aves. from Kercheval to Mack Aves., involving 36,000 sq.yd. asphalt. C. W Hubbell, city engr.

Mich., Port Huron—St. Clair Co. Rd. Comn. soon lets contract grading, shaping, draining and surfacing, 90 mi Kimball Rd., 16 ft. wide. About $12,000. D. D. Worcester, Port Huron, engr.

Ill., East St. Louis—Street Comn. soon receives bids surfacing St. Louis Ave. from 10th to 20th Sts., 30 ft. wide, cost $75,340; also paving St. Louis Ave. from 10th St. to Collinsville Ave., 30 ft. wide, both asphalt, $54,000.

Ill., Edwardsville—Madison Co. having plans prepared building 20 mi. Mississippi Scenic Highway Trail through county, to connect with Alton Twp. and Calhoun Co., 50 ft. wide. About $1,000,000. Work being backed by Alton Rd. Trade and A. A. Schultze, chn. Calhoun Co. bd. comrs.

Wisconsin—State Highway Comn., 601-602 Wilner Bldg., Green Bay, soon lets contract improving 1.17 mi. Lake Shore Rd., Manitowoc Co., Federal Aid Project No. 2, involving 9624 cu.yd. earth excav., 162 cu.yd. Class A concrete and 12,430 sq.yd concrete surfacing, etc.

Wisconsin—State Highway Comn., Madison, soon lets contract improving 3.53 mi. County Line Rd., Dodge and Jefferson Counties, Federal Aid Project No. 72, 3.47 mi. Dunbarton-Darlington Rd., Lafayette Co., Federal Aid Project No. 86. Noted July 17 and Aug. 7.

Wisconsin — State Highway Comn., Stephenson Bldg., Milwaukee, soon lets contract improving .93 mi. Sheridan Rd., Racine Co., Federal Aid Project No. 39, involving 2258 cu.yd. earth and 4556 cu.yd. borrow excav., 17 cu.yd. Class A concrete, etc.

Wis., Grand Rapids—Wood Co. voted $1,500,000 bonds to improve roads.

Wis., Jefferson—Jefferson Co. voted $2,000,000 bonds to improve roads. Noted June 19.

Wis., Manitowoc—City plans to grade and pave 3 mi. North 8th St., also Main St. from Calumet Rd. to city limits, 18-20 ft. wide. Work involves concrete curbs and gutters and 18,500 sq.yd. 2 course rein.-con. About $40,000. Engineer not selected.

Wis., Sheboygan—City having plans prepared grading and paving 1 mi. Kentucky Ave., 20 ft. wide, 2 course rein.-con. or vitr. brick. Cost between $12,000 and $13,000. C. U. Boley, city engr.

Wis., West Bend—Washington Co. voted $2,000,000 bonds to improve roads.

Minn., Austin—City Council authorized $35,000 bond issue to improve streets. H Lee, clk.

Minn., Bemidji—Comrs. Beltrami Co. rejected bids received Aug. 7, grading and graveling 30 mi. Federal Aid Project No. 57, 24 ft. wide. About $180,000. S. D. Snyder, Bemidji, engr. Noted Aug. 7.

Minn., Duluth—J. A. Farrell, city comr., rejected bids received Aug. 8, paving 54th Ave., E. from London Rd. to Glendale St. About $33,595. Noted Aug. 7.

Minn., Duluth—R. W. Acton, engr. St Louis Co. receives bids about Nov. 1 straightening road, cutting down grade and hard surfacing with concrete 8 mi. highway from Duluth eastern limits to Knife River and town line 18 ft. wide. About $245,000.

Minn., Little Falls—Morrison & Co. voted $200,000 bonds to build roads. B. Y. McNairy, co. aud.

Neb., Broken Bow—City having plans prepared paving 140 blocks, 24-87 ft. wide. About $800,000. Grant, Fulton & Letton, 505 Bankers Life Bldg., Lincoln, engrs.

Neb., Hastings—City election Sept. 18, to vote on $50,000 bonds to pave various streets.

Neb., Neligh—City plans to pave 3 blocks 30-60 ft. wide, involving 29,156 sq.yd. 2 in. asphaltic concrete or 5 in. rein.-con. pavement and 13,312 lin.ft. curbing. About $105,370. Rohrbough Eng. Co., 929 City Natl. Bank Bldg., Omaha, engrs.

Mont., Billings—City plans to pave Broadwater, 7th and Miles Sts., 16 ft. wide. About $26,777. E. M. Sneckenberger, 27 Grand Ave., engr.

Mont., Billings—City plans to pave 98,400 sq.yd. various streets on southwest side. E. J. Strasburger, 614 Daly Bank Bldg., Butte, engr.

Mont., Whitefish—City plans to curb and build 5 ft. cement sidewalks on various streets. About $20,000. W. K. Triplett, Whitefish, engr.

Mo., Glendale (St. Louis P. O.)—J. C Doyle, city clk., soon lets contract grading, laying drainpipe, inlets and other appurtenances at Sappington Rd. from Elliot south to Big Bend Rd. Cost to exceed $10,000. Noted July 31.

Mo., Kirkwood—E. O. Harper, city clk., soon receives bids paving Washington Ave. from Van Buren St. to western city limits. About $50,000.

Mo., St. Genevieve—R. Abernathy, engr., St. Genevieve, soon receives bids improving north and south sections of highway between St. Genevieve and St. Louis, also east and west sections between St. Genevieve and Farmington. About $325,000.

Tex., Bellville—Austin Co. election Oct. 7, to vote on $1,500,000 bonds to build roads.

Tex., Boerne—Kendall Co. plans to surface 5.788 mi. Highway No. 9 from here to Bexar Co. line, 16 ft. wide, gravel, ½ in. bituminous surface treatment, trap rock, coal tar and asphalt. Work involves 2 acres clearing and grubbing. About $40,930. A. C. Poncoast, Boerne, engr.

Tex., Centerville—Leon Co. plans to gravel surface and drain 30.74 mi. Highway No. 32 from Freestone Co. line to Madison Co. line, 16-24 ft. wide. About $420,850. Bryant & Huffman, 211-217 Littlefield Bldg., Austin, engrs.

Tex., Denton—City soon lets contract improving various streets, involving 64,260 sq.yd. paving, 33,850 lin.ft. concrete curbing, 27,000 cu.yd. earth excav and 10,900 lin.ft. 12-42 in. storm sewers. Koch & Fowler, 606 Sumpter Bldg., Dallas, consult. engrs.

Tex., El Paso—City election Oct. 4, to vote on $100,000 bonds to pave and repair streets. J. N. Gladding, city engr.

Tex., Gonzales—Gonzales Co. plans to grade, gravel surface and build concrete dips, trestle, abutments, etc., on 5.5 mi. Highway No. 29 from here to Dewitt Co. line, 24 ft. wide. About $43,000. Wilder & O'Neal, Chronicle Bldg., Houston, engrs. Noted Aug. 21.

Tex., Meridian—W. A. York, judge Bosque Co., soon lets contract gravel surfacing and building rein.-con. drainage structures on 51.42 mi. Meridian Highway from McClennan to Hill Co. lines, 16 ft.

Streets and Roads (Continued)

wide, involving 48.96 mi. machine grading, 28,847 mi. scarifying, 2745 cu.yd. ditching, 13,972 sq.yd. unclassified earth excav., 1244 sq.yd. concrete pavement, etc. About $235,000. C. H. Van Eman, Walnut Springs, engr. Noted May 29.

Tex., Seguin—Guadalupe Co. soon lets contract gravel surfacing with bituminous surface treatment and building rein.-con. drainage structures on 3.256 mi. Highway No. 2 from Comal Co. line to Bexar Co. line, 16 ft. wide, involving 15,892 lin.ft. grading and scarifying. About $27,720. Former bids rejected. Hess & Skinner, Southwestern Life Bldg., Dallas, engrs. Noted Aug. 21.

Tex., Sulphur Springs—Hopkins Co. election Sept. 27, to vote on $2,000,000 bonds to build lateral roads. State Highways Nos. 1, 11 and 19.

Tex., Vernon—City voted $15,000 bonds to pave various streets. Noted Mar. 27.

Okla., Newkirk—Comrs. Kay Co. plan to pave, grade, build culverts, etc., on various roads. About $1,500,000. Federal Government will appropriate toward cost.

Okla., Tupelo—Coal Co. voted $50,000 bonds to hardsurface roads in Bryan Twp.

New Mexico—State Highway Comn., Santa Fe, having surveys made and will receive bids about Sept. 20 building 21 mi. Federal Aid Road Project No. 29, 16 ft. wide, Eddy Co. About $90,000. L. A. Gillett, state highway engr.

Idaho, Wallace—Clarkia Highway Dist., Shoshone Co., voted $175,000 bonds to improve roads. O. Avery, pres. Engineer not selected.

Utah, Fillmore—Millard Co. election Sept. 23, to vote on $310,000 bonds to hardsurface roads and build bridges and culverts. C. H. Day, co. clk.

Utah, Provo—City plans to pave 3560 ft. 5th West St., from Center to 5th North Sts., 20 ft. wide. About $40,000. C. A. Swan, city engr.

Utah, Salt Lake City—City plans to improve 7th St., W., from 9th St., S., to 4th St., W., involving 16,800 lin.ft. curbing and guttering; pave 1500 ft., Michigan Ave. from 13th to 15th Sts., E., 40 ft. wide, plain concrete on concrete base and bituminous topping; 4998 ft. 1st St., W., from Skult Temple to Wall St., and Wall St. from 1st St., W., to 2nd St., W., 30-40 ft. wide, 7 in. concrete or 2 in. topping on 6 in. concrete base.

Wash., Aberdeen—City rejected bids received replacing east end trestle with permanent highway, 3200 ft. long, 24 ft. wide, including 440 ft. concrete viaduct, 23,000 cu.yd. filling, 5000 sq.yd. riprap, etc., involving 650 cu.yd. concrete and 50,000 lb. steel. About $72,000. Work will be readvertised. Noted Aug. 14.

Wash., Everett—City Council plans to pave Baker and Friday Aves., concrete or asphaltic concrete. Cost to exceed $10,000.

Wash., Port Angeles—City Council plans to clear, grub, drain, grade and oil Cherry, Oak and Valley Sts., also alleys from 8th St. to Boulevard, and from Lincoln St. to Valley Gulch Ridge. Cost to exceed $10,000.

Ore., Oregon City—See "Miscellaneous Works."

Cal., Fresno—Bd. Supervs. Fresno Co. applied to U. S. Bureau of Good Rds. for funds to grade, gravel, oil and drain roads as follows: $30,000 for Trimmer Springs Rd., $80,000 for Tool House Rd., $60,000 for Sand Creek Rd., $30,000 for Millwood and Sand Creek cutoff and $100,000 for Auberry-Huntington Lake Rd. D. M. Barnwell, clk.

Cal., Lompoc—Fourth Supervisional Dist. election soon, to vote on $400,000 bonds to pave surface and build bridges on portion of road from here to Lompoc Jct., total length, 28 mi. Total cost, $500,000. Santa Barbara Co. will contribute $100,000 toward project.

Cal., Oakland—City soon lets contract improving East 10th St. from Fruitvale Ave. to High St., involving 146,948 sq.ft. grading, curbing, gutter and paving, 235 lin.ft. 6 in. sewer pipe, 5465 lin.ft. concrete curbing, 16,303 sq.ft. concrete gutter and 13,424 sq.yd. oil macadam, cost $27,000; Jefferson St. between 1st and 7th Sts., involving 73,458 sq.ft. grading, curbing, guttering and paving, 414 lin.ft. granite and 2282 lin.ft. concrete curbing, 3330 sq.ft. brick gutter and 7792 sq.yd. asphalt, $30,000. M. Campbell, city engr.

Cal., Oakland—City soon lets contract grading, paving, curbing and guttering 1730 ft. 47th Ave. from East 14th St. to Huntington tract, involving 5749 sq.yd. oil macadam, 3098 lin.ft. concrete curbing and 9368 sq.ft. concrete guttering. About $11,000. M. Campbell, City Hall, engr.

Cal., Ventura—Ventura Co. voted $500,000 bonds for concrete paving, grading and building concrete culverts, etc. on 35 mi. highways. Noted July 17.

Ont., Orillia—Town having plans prepared by James, Loudon & Hertzberg, engrs., 36 Toronto St., Toronto, paving Matchedash St., 28 and 34 ft. wide. Work involves 6500 sq.yd. bitulithic pavement on 5 in. concrete base and 3700 lin.ft. concrete curbing. About $33,000.

Ont., Toronto—City Council passed bylaw for extension of Duplex Ave. and opening of Cleveland St., $119,212; building asphalt pavement on Danforth Ave., widening Morton Rd., also Kingston Rd., from Balsam to Silver Birch Aves., and construction of sewer on Queen St., from Pape to Leslie Sts., $84,559. R. C. Harris, City Hall, engr.

BIDS DESIRED

Massachusetts—Until Sept. 16, by State Highway Comn., Boston, for 3100 ft. road, 18-24 ft. wide, Sudbury Twp., 17,600 ft. road, 18-24 ft. wide, Cummington Twp., both bituminous macadam, 5200 ft. road, 18-24 ft. wide, concrete, Lanesborough Twp. A. W. Dean, state highway engr.

N. Y., Ithaca—Until Sept. 15, at office of Comptroller of Cornell University, grading, curbing, paving and draining Tower Rd., Agricultural Campus. C. E. Curtis, supt. bldgs. and grounds.

N. Y., Phoenix—Until Sept. 16, by Bd. Trustees, for 6000 sq.yd. concrete or asphaltic concrete pavement, 3350 sq.yd. asphaltic concrete resurfacing, 2650 lin.ft. curbing and guttering. G. W. Hackett, Fulton, engr.; advertised in this issue.

N. Y., S. I., St. George—Until Sept. 19, by C. D. Van Name, pres. Richmond Boro., repaving with sheet asphalt and 2nd hand napped granite blocks on concrete foundation, roadway of Manor Rd. between Richmond Turnpike and Willow Brook Rd.

N. J., North Bergen—Until Sept. 25, by town, improving Grant Ave., bituminous pavement About $25,000. P. Daly, 31st St., engr. Noted Apr. 17.

N. J., Union—Until Sept. 15, by town, improving Main St., bituminous. About $10,000. E. Bautz, clk.

Pennsylvania—Until Sept. 30, by State Highway Dept., Harrisburg, rebuilding roads in Armstrong, Bucks, Cambria, Centre, Chester, Clinton, Delaware, Crawford, Erie, Fayette, Greene, Lancaster and Westmoreland Counties. L. S. Sadler, state highway comr.; advertised in this issue.

Pa., Duquesne—Until Sept. 15, by City Clerk, grading, paving and curbing sections of Viola Ave., South 6th St. and Poplar Alley, vitr. brick on slag foundation. Former bids rejected. R. B. Dell, city engr. Noted Aug. 28.

Pa., Monessen—Boro. receiving bids grading, paving and curbing East Donner, Ontario, South 4th, Chestnut, 10th, South 14th and Beatrice Sts., McMahon, Maple, Summit, Elsie, Dunlap and Lillian Aves. Work involves 23,300 sq.yd. vitr. brick on concrete base, 1100 ft. rough curb stone, 11,308 lin.ft. stone curbing, 2120 ft. reset and 1304 ft. radius stone curbing and 17,876 cu.yd. earth excav.

Pa., Phila.—Until Sept. 23, by city, grading and paving various streets, wood block, vitr. block asphalt, etc. About $750,000.

Md., Salisbury—Until Sept. 23, by Comrs. Wicomico Co., building state-aid roads as follows: 1.03 mi. Salisbury-Snow Hill Rd., 15 ft. wide, involving 9064 sq.yd. 6 in. concrete. Contr. No. 412; 1.07 mi. Salisbury-Nanticoke Rd., 15 ft. wide, 9418 sq.yd. 6 in. concrete. H. M. Clark, co. engr.

W. Va., Keyser—Until Sept. 23, by Comrs. Mineral Co. grading, draining and surfacing 12 mi. Cumberland-Romney Rd., 16 ft. wide, involving 50,000 cu.yd. excav. About $71,000. S. C. Lea, Keyser, engr.

W. Va., Madison—Until Oct. 2, by Comrs. Boone Co., grading and draining 5 mi. Danville-Peytona Rd., 20-26 ft. wide, involving 60,000 cu.yd. excav. About $66,000. S. E. Bradley, Madison, engr.

Ga., Athens—Until Sept. 23, by Comrs. Clarke Co., building 3.7 mi. concrete or bituminous roads. T. Wright, clk.; advertised in this issue. Noted July 17.

Ala., Tuscumbia—Until Sept. 15, at office of O. B. Clark, mayor, for 22,353 sq.yd. macadam paving, 13,317 lin.ft. concrete curb and gutter, 3157 lin.ft. concrete curb, 8650 cu.yd. grading, 18,997 sq.ft. concrete walks, 11,914 sq.yd. concrete, asphalt, asphaltic concrete, bituminous macadam or brick paving, 31 inlets, 2870 ft. 8-24 in vitr. sewer. J. E. Ferguson, Tuscumbia, engr.

Tennessee—Until Sept. 18, by Dept. Highways, Nashville, building 13.7 mi. State Highway No. 4, between Clinch and Powell Rivers, Union and Claiborne Counties. Work involves 86,340 cu.yd. common, 47,350 cu.yd. solid rock and 4530 cu.yd. borrow excav., 21,448 cu.yd. broken stone base and shoulders, 7145 cu.yd. macadam surface course, 1303 cu.yd. concrete, 80,939 lb. deformed steel bars, furnishing and installing 1987 lin.ft. and cleaning and relaying 935 ft. culvert pipe, 130 cu.yd. rip-rap, etc. W. P. Moore, ch. engr.

O., Lakewood—Until Sept. 15, by city, paving Clifton Blvd., involving 72,000 sq.yd. wood block, sheet asphalt, bituminous concrete or bitulithic, cost $48,000; also resurfacing Grace St., 7350 sq.yd. asphalt. E. A. Fisher, city engr.

Michigan—Until Sept. 16, F. F. Rogers, state highway comr., Lansing, grading, shaping, draining and surfacing with 1 course concrete (Class F) 2.115 mi. Assessment Dist. Rd. No. 359, 18 ft. wide, Berrien and Cass Counties.

Mich., Muskegon—Until Sept. 15, by C. H. Tellman, 103 Pine St., grading, shaping and paving 1500 ft. Arthur St. from Ionia to Irwin Sts., and 5000 ft. 5th St. from Houston to Laketon Aves., 30 ft. wide, involving 22,000 sq.yd. 6 in. concrete.

Illinois—Until Sept. 17, by State Highway Comn., Springfield, improving roads in following counties:

Whiteside Co., 2900 ft. Sect. I-15d, Lincoln Highway, 16 ft. wide, involving 5156 sq.yd. pavement, 1561 cu.yd. excav., 340 lb. steel, 1790 bbl. cement, 16 cu.yd. Class A concrete, cost $13,269; 10,938 ft. Sect. 20, 16 ft. wide, 19,439 sq.yd. pavement, 11,619 cu.yd. excav., 6694 bbl. cement, 16 cu.yd. Class A concrete, $50,656;

Peoria Co., 8416 ft. Sect. L, Peoria-Springfield Highway, 20 ft. wide;

Bureau-La Salle Counties, 11,385 ft. Sect. T, Morris-Henry Highway, 16 ft. wide, 20,240 sq.yd. pavement, 14,846 cu.yd. excav., 8030 lb. steel, 7100 bbl. cement, 96 cu.yd. Class A concrete, $49,524; Madison Co., 32,424 ft. Sect. X, Springfield-East St. Louis Highway, 18 ft. wide, 65,214 sq.yd. pavement, 23,346 cu.yd. excav., 1130 lb. steel, 22,460 bbl. cement, 47 cu.yd. Class A concrete, $130,340; 11,394 ft. Sect. T, Natl. Highway, 30 ft. wide, 12,660 sq.yd. pavement, 25,876 cu.yd. excav., 1850 lb. steel, 31 bbl. cement, 20 cu.yd. Class A concrete, $54,350; alternate bids will be received for Portland cement concrete, 3 in. and 4 in. monolithic brick, bituminous concrete with or without binder course, (Spec. C1, C2, C3 or CT); cement will be furnished on all sections by Dept. of Pub. Wks. and Bldgs., or by county; also in Franklin Co., 2801 ft. Sect. G, Route 5, 10 ft. wide, 3664 sq.yd. concrete, 1340 cu.yd. excav., 930 bbl. cement, $9015; Mason Co., 3400 ft. Sect. B, Route 1, 16 ft. wide, 6044 sq.yd. concrete, 839 cu.yd. excav., 2074 bbl. cement, $12,790; except as noted, cement will be furnished by Dept. Pub. Wks. & Bldgs. C. Older, ch. highway engr.

Wis., Manitowoc—Until Sept. 16, by Manitowoc Co., grading, paving, building bridges and culverts on 3.2 mi. Lake Shore Rd., Federal Aid Project No. 2, 18 ft. wide, involving 14,430 sq.yd. concrete, 9624 cu.yd. dry earth excav., and 680 lin.ft. piles, etc. About $40,000. A. R. Hirst, 324 North Pinckney Ave., Madison, engr.

Wis., Manitowoc—Until Sept. 24, by Bd. Pub. Wks., furnishing labor and materials, improving South 21st St. from Hamilton to Madison Sts. and South 24th St. from Washington to Marshall Sts. A. H. Zander, clk.

Minn., Aitkin—Until Sept. 27, by A. E. Arndt, town clk., grading and graveling 5.6 mi. road, 24 ft. wide, Range 22, Dick Twp. About $33,000 Former bids rejected. F. J. O'Hara, Aitkin, engr.

Minn., Crookston—Until Sept. 15, by H. J. Welte, aud. Polk Co., building 10 mi. Federal Aid Project No. 94-4, Job No. 1910, 24 ft. wide, involving 78,106 cu.yd. excav., 81,862 cu.yd. hauling, 11,888 cu.yd. gravel surfacing, culverts, etc., cost $75,000; 12 mi. Federal Aid Project No. 80,-Job No. 1904, 24 ft. wide, 87,993 cu.yd. excav., 33,431 cu.yd. hauling, 14,229 cu.yd. gravel surfacing, culverts, etc., $80,000; 11 mi. Federal Aid Project Job No. 1913, 18 ft. wide, 14,316 sq.yd. paving and 14,320 lin.ft. tile drain, $330,000. E. H. Harding, Crookston, engr.

Minn., Waseca—Until Sept. 16, by J. Madigan, city clk., for 13,800 sq.yd. concrete paving. About $100,000. J. W. Hruska, Waseca, engr.

Streets and Roads (Continued)

Neb., Beaver City—Until Sept. 23, by M. Disbrow, clk. Furnas Co., grading, paving and building culverts on 4.6 mi. Oxford-Bartley Rd., 24 ft. wide in Furnas and Red Willow Counties, involving 500 sq.yd. concrete, 270 lin.ft. 18 and 24 in. concrete pipe, 110 cu.yd. concrete and 36,722 cu.yd. excav. About $20,000. G. E. Johnson, c/o State Highway Dept., Lincoln, engr.

Neb., Elwood—Until Sept. 24, by J. M. Miles, clk. Gosper Co., grading and building culverts on 7 mi. Elwood-Smithfield Rd., 24 ft. wide, involving 944 lin.ft. 18-60 in. culverts, 75 cu.yd. concrete, 62,594 cu.yd. excav., etc. About $37,000. G. E. Johnson, c/o State Highway Dept., Lincoln, engr.

Neb., Kimball—Until Sept. 25, by D. T. Heyman, clk. Kimball Co., grading, paving and building culverts on 26.7 mi. Kimball-Harrisburg Rd., 24 ft. wide, involving 510 sq.yd. concrete, 143,645 cu.yd. earth excav., 1654 ft. 18-36 in. concrete pipe and 270 cu.yd. concrete, etc. About $85,000. G. E. Johnson, c/o State Highway Dept., Lincoln, engr.

Neb., Lexington—Until Sept. 24, by N. France, clk. Dawson Co., grading and building culverts on 27.5 mi. Overton-Cozad Rd., 24 ft. wide, involving 168,219 cu.yd. earth excav., 2269 lin.ft. 18-36 in. concrete pipes, 243 cu.yd. concrete, etc. About $85,000. E. E. Johnson, c/o State Highway Dept., Lincoln, engr.

Neb., Lincoln—Until Sept. 15, by T. H. Berg, city clk., paving 2600 ft. 33rd St., 30 ft. wide, involving 8300 sq.yd. asphaltic concrete on 5 in. concrete base, 300 sq.yd. concrete, 300 lin.ft. concrete curbing, 5000 lin.ft. concrete gutter and curb and 1027 cu.yd. earth excav. About $27,500. G. W. Bates, city engr.

Neb., Loup City—Until Sept. 26, by T. B. Polski, clk. Sherman Co., grading, paving and building culverts on 12 mi. Rockville-Loup City Rd., 24 ft. wide, involving 3040 sq.yd. concrete, 85,024 cu.yd. excav., 304 lin.ft 18 and 24 in. concrete pipe, and 130 cu.yd. concrete. About $50,000. G. E. Johnson, c/o State Highway Dept., Lincoln, engr.

Neb., Peru—Until Sept. 23, by R. W. Kelly, city clk., grading and paving 4700 ft. 5th St., 24 ft. wide. About $54,000. State will appropriate toward cost. No bids received Aug. 27. G. E. Johnson, c/o State Highway Dept., Lincoln, engr. Noted Aug. 7.

N. D., Grafton—Until Sept. 16, by Auditor Walsh Co. improving Dist. No. 1, involving 6850 sq.yd. street paving and guttering, 3743 lin.ft. concrete curbing, 1333 sq.yd. concrete alley paving, 3 combination manholes, 10 storm water inlets, with 80 in. vitr. pipe catch basins. About $100,000. C. L. Pillsburg, 805 Metropolitan Life Bldg., Minneapolis, Minn., engr.

Mo., Independence—Until Sept. 30, by Jackson Co., grading and surfacing with bituminous macadam 3.1 mi. Lone Jack East Rd., from Lone Jack to Jackson-Johnson Co. line, 16 ft. wide, including earth shoulders, ditches, culverts, etc. O. C. Sheley, co. highway engr.; advertised in this issue.

Mo., Lancaster—Until Oct. 13, by town paving and curbing Main St., involving 14,000 sq.yd. vitr. brick, 7500 lin.ft. concrete curbing and 3500 cu.yd. earth excav. Grist & Wiegner, Lancaster, engrs.

Mo., St. Louis—Until Sept. 23, by Bd. Pub. Serv., paving 2000 ft. Compton Ave. from Park to Chouteau Aves., 30 ft. wide, vitr brick, cost $32,050; 1500 ft. Whittier St. from Labadie to Ashland Aves., 50 ft. wide, vitr. brick, asphalt or bituminous concrete, $16,400; 3000 ft. Morganford Rd. from Chippewa St. to Fyler Ave., 30 ft. wide, vitr. brick and asphalt, $65,050; surfacing 2500 ft. Taylor Ave. from Bway. to West Florissant Ave., 50 ft. wide, asphalt, concrete or bituminous concrete, $47,700; 6500 ft. Page Blvd., from Vandeventer to Taylor Aves., 60 ft., asphalt, $65,000; also rebuilding and resurfacing 3000 ft. Page Blvd., from Kings Highway to Union Blvd., 60 ft. wide, asphalt, $41,400; rebuilding 3000 ft. alleys, 30 ft. wide, vitr. brick, $15,500; 2400 ft. Page Blvd. from Taylor to Walton Aves., 60 ft. wide, asphalt or bituhinous concrete, $33,100 and 2000 ft. Page Blvd., from Walton Ave. to Kings Highway, 60 ft. wide, asphalt, $28,850. C. E. Smith, city engr.

Mo., St. Louis—Until Sept. 16, by Bd. Pub. Serv., paving and curbing 800 ft. Sacramento Ave., from Shreve to Marcus Aves., 50 ft. wide, involving bitulithic pavement and 1600 lin.ft. concrete curbing, cost $10,000; building and paving 4000 ft. alleys from Nebraska to Pennsylvania, Eads and Henrietta Aves., and Arsenal, Odell, Macklind and Sublette Aves., 30 ft. wide, vitr. brick, $15,040. C. E. Smith, city engr.

Tex., Falfurrias—Until Sept. 20, by S. A. Brooks, judge Brooks Co., excavating, grading, sub-grading, caliche surfacing, excavating and building concrete culverts on 10.75 mi. State Highway No. 12 from Encinal south to county line, 24 ft. wide. About $31,701. H. S. Bedell, Falfurrias, engr. Noted Sept. 4.

Tex., Rockwall—Until Sept. 17, by F. B. Vance, clk. Rockwall Co., paving, grading and draining 13.36 mi. roads involving 137,865 sq.yd. monolithic brick or concrete, 74,000 cu.yd. earth excav., 1396 ft. concrete pipe and 1274 ft. viaduct across east fork of Trinity River, etc. J. Montgomery, Rockwall, engr.

Tex., San Antonio—Until Sept. 18, by R. Davis, judge Bexar Co., resurfacing 7459 ft. Encine, Mayflower, Kennedy, Cambridge, Dual, Estes, Patterson and Argyle Aves., 14 ft. wide, involving 10,000 lin.ft. concrete curbing and 11,603 sq.yd. bituminous topping; 28,423 ft. Bulverde Rd., North Loop and Mary D Aves., 16 ft. wide, 50,530 sq.yd. bituminous topping. C. E. Hoff, co. engr.

Utah, Richmond—Until Sept. 15, by Town Council, building 8000 sq.ft. sidewalks, 5 in thick. T. H. Humpheries, Logan, city engr.

Que., St. Bruno—Until Sept. 15, by F. Huet, secy.-treas., constructing gravel road to be known as Chemin des Vingt Rd., 12,363 ft. long.

Ont., Brampton—Until Sept. 18, by city, for 11,000 sq.yd. bitulithic or asphaltic concrete pavement, 24-32 ft. wide. About $60,000. W. Treadgold, Brampton, engr.

Ont., Hawkesbury—Until Sept. 18, by Town Council, paving various streets, 28-34 ft. wide, involving 22,000 sq.yd. asphaltic concrete on concrete base and 13,000 lin.ft. concrete curbing and guttering. About $85,000. V. E. A. Belanger, L'Original, engr. Noted June 26.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Boston**—City let contract paving West Roxbury Parkway, 24 ft. wide, Roxbury, involving 18,000 sq.yd. waterbound macadam, 510 lin.ft. concrete curbing, 300 sq.yd. sidewalk, 19,000 cu.yd. earth excav., 1820 ft. 6-12 in. vitr. pipe, to Rowe Constr. Co., 45 Milk St., $40,201; Charles River Reservation, 24 ft. wide, Newton, 7000 sq. yd. waterbound macadam, 2000 sq.yd. macadam sidewalk, 23,000 cu.yd. earth excav., 680 ft. 10-12 in. vitr. pipe, to A. G. Tomasello, 69 Gibson St., Roxbury, $40,904.

★**Mass., Boston**—City let contract paving Lucerne St., 40 ft. wide, to Bermudez Co., 246 1st St., $11,357. Work involves 2420 sq.yd. asphalt on 6 in. concrete base and 1115 cu.yd. earth excav.

★**Mass., Chicopee**—City let contract paving Front St., vitr. brick, also Montgomery and East Main Sts., asphalt and concrete, to Adams & Ruxton Constr. Co., 33 Lyman St., Springfield, $90,000; East St., National asphalt, to Franklin Contg. Co., Warwick Ave., New Haven, Conn., $15,500. Noted June 19 and 26.

★**Connecticut**—State Highway Comn., Hartford, let contract improving Short Beach Rd., East Haven Twp., to C. W. Blakeslee & Sons, 58 Waverly St., New Haven, $26,792; Branchfield Rd., Ridgefield Twp., to J. P. McGuire, 5 Fairview St., New Britain, $78,640, both concrete; Silver Lane Rd., East Hartford Twp., trap macadam, to T. Kearney, 84 Alcove St., Meriden, $15,142; 4378 ft. Coventry Rd., Bolton Twp., to J. H. Grozier Co., 721 Main St., Hartford, $24,414; state highway, Fairfield Twp., to F. P. Hastings, 1200 Wood Ave., Bridgeport, $20,000, both bituminous macadam. Noted Aug. 28.

★**Conn., Milford**—City let contract building 5000 ft. asphalt roadway on Broad St., to C. W. Blakeslee & Sons, 58 Waverly St., New Haven. About $32,000.

★**N. Y., Brooklyn**—E. Riegelmann, boro. pres., let contract to Sicilian Asphalt Paving Co., 41 Park Row, New York City, regulating and repaving Atlantic Ave. from Washington to Classon Aves., $40,547. Atlantic Ave. from Classon to Bedford Aves., $41,582. Bedford Ave., $10,220, Sprague Alley, $832; to Scott & Kurth, 411 Sackett St., Classon Ave., $131,145; to Grimm Constr. Co., 460 Herold Ave., East 18th St., $3633. Vermont Ave., $4611; Uvalde Asphalt Paving Co., 1 Bway., New York City, East 18th St. from Ave. O to Ave. P., $12,650; to Consolidated Asphalt Paving Co., 52 9th St., 83rd St., $11,614. 83rd St. from 19th to 20th Aves., $11,952. Noted Aug. 14.

N. Y., Brooklyn—E. Riegelmann, boro pres., received bids Sept. 3, regulating and grading, (a) Cleveland St., from New Lots Rd. to Hegeman Ave., (b) curbing and laying sidewalks on Cleveland St. from New Lots Rd. to Hegeman Ave., (c) West 11th St. from Ave. S to Ave. T, (d) regulating, curbing and paving with permanent asphalt on 6 in. concrete foundation roadway on Colonial Rd., from 76th to 77th Sts., (e) regulating and paving with permanent asphalt on 6 in. concrete foundation, Colonial Rd. from 85th to 86th Sts., (f) 66th St. from 19th to 20th Aves., (g) regulating, grading, curbing, laying sidewalks and paving with permanent asphalt and Grade 1 granite on 6 in. concrete foundation, portion of roadway west of railroad tracks of New Utrecht Ave. from Ovington to Bay Ridge Aves., (h) regulating, grading, curbing and laying sidewalks on West 11th St. from Ave. R to Ave S, (i) 20th Ave. from 82nd to 83rd Sts., (j) regulating and paving with permanent asphalt on 6 in. concrete foundation, roadway of 66th St. from 19th to 20th Aves., from

C. A. Myers, foot of Stagg St., (a) $5960, (b) $3377;

J. Jennings, (a) $7612, (b) $3685, (c) $6395, (h) $4488;

F. Catapano, 256 Essex St., (a) $7785; Grimm Constr. Co., (b) $3447, (c) $7178;

Consolidated Asphalt Paving Co., 52 9th St., (d) $6089, (e) $7186, (g) $4603, (i) $6567, (j) $12,205;

Sicilian Asphalt Paving Co., 41 Park Row, New York City, (d) $6271, (e) $7336, (g) $5054, (i) $6604, (j) $12,450;

Uvalde Asphalt Paving Co., 1 Bway., New York City, (d) $6317, (e) $7336, (g) $4758, (i) $6664, (j) $12,584;

L. Mangieri, 190 31st St., (c) $5242, (f) $1480, (h) $4483;

C. Gallagher, (f) $1403, (h) $4047. Noted Aug. 28.

★**N. Y., New York**—F. L. Dowling, pres. Manhattan Boro., let contract regulating and repaving with granite blocks on concrete base intersection of Bway. to M. I. Sachs., $3101; with sheet asphalt on concrete base, roadway of Bway., from Morris to Vesey Sts., to Sicilian Asphalt Paving Co., 41 Park Row, $54,413; 28th St., to Cleveland Trinidad Paving Co., Flushing Ave., Brooklyn, $27,071; 110th St. to Uvalde Asphalt Paving Co., 1 Bway., $35,404; Lenox Ave., to J. L. Brusstar, Harlem River and 150th St., $47,799; Lexington Ave., sheet asphalt and wood block, to Asphalt Constr. Co., 2197 Madison Ave., $230,618. Noted Sept. 4.

★**N. Y., S. I., St. George**—C. D. Van Name, pres. Richmond Boro., let contract to J. E. Donovan, Port Richmond, repaving Richmond Terrace from Western Ave. to Elizabethport Ferry, $6300, Wadsworth Ave., $3750; to C. Vanderbilt, 24 Elizabeth St., West New Brighton, Richmond Terrace from Treadwell Ave. to Harbor Rd., $47,493; to Johnson Sons, Port Richmond, Castleton Ave., $3800, Bay St., $2825, Lindenwood Rd., $1170; to Leedecke & Sachs, Brook St., $11,680. Noted Sept. 4.

N. J., Carlstadt—Town received lowest bid building Hoboken Rd. from Van Roden Constr. Co., $34,750.

N. J., Jersey City—City received lowest bid for repairs to asphalt streets, here, from Crescent Constr. Co., 150 Nassau St., New York City, 125% of engineer's estimate. Cost to exceed $10,000. Noted Aug. 21.

Pennsylvania—State Highway Dept., Harrisburg, received lowest bids building roads in counties as follows:

Adams Co., 23,246 ft. rein.-con. and Hillside vitr. brick, Butler Twp., from G. Merdinger, Wilbut Trust Bldg., South Bethlehem, $179,156; 7857 ft. bituminous surface course on concrete foundation and Hillside vitr. brick or rein.-con., Gettysburg Boro., from W. P. McDonald Constr. Co., Phila., $109,769, P. F. Connelly, Koppel, $114,836, Warren Bros. Co., 142 Berkeley St., Boston, Mass., $114,339.

Butler Co., 16,579 ft. rein.-con., Slippery Rock Twp., from N. J. Boyer, Butler, $134,700, T. H. Gill Co., 2nd Mutual Bldg., Binghamton, N. Y., $139,442, D. W. Challis, 420 Centennial St., Sewickley, $144,817.

Centre Co., 12,355 ft. bituminous surfaced course on concrete foundation or rein.-con., from Warren Bros. Co., 142 Berkeley St., Boston, Mass., $121,796.

Chester Co., 10,509 ft. bituminous surface course (penetration method) on telford foundation, East and West Marlboro Twp., from E. M. Humphrey, Hackensack, N. J., $67,363, B. Foster Co., 20th and Venango Sts., Phila., $71,175, Dunleavy Bros., Coatesville, $75,381; 21,619 ft. bituminous surface course (penetration method) on telford foundation, Franklin and New London Twps., from Clifford Eng. Co., Farmingdale, N. J., $203,832.

Streets and Roads (Continued)

Clarion Co., 10,507 ft. rein.-con., Clarion Twp., from L. H. Hileman Constr. Co., 1st Natl. Bldg., New Kensington, $164,888.

Crawford Co., 18,619 ft. rein.-con. and Hillside vitr. brick or two-course rein-con. and Hillside vitr. brick, Vernon Twp., from J. H. De Carpentier & Sons, Youngstown, O., $212,198. P. F. Connolly, Koppel, $222,010, M. Dolan, Jamestown, N. Y., $240,060.

Erie Co., 21,300 ft. rein.-con., Girard Twp. and Platea Boro., from H. Shenk Co., 12th and Sassafras Sts., Erie, $183,780; 10,600 ft. rein.-con., Mill Creek Twp., from H. Shenk Co., 12th and Sassafras Sts., Erie, $93,561; 7900 ft. bituminous surface course and Hillside vitr. brick on concrete foundation or rein.-con. and Hillside vitr. brick, from P. F. Connolly, Koppel, $72,611, E. M. Love & Son, Corry, $73,761.

Indiana Co., 3812 ft. rein.-con., Blairsville Boro., from M. Bennett & Sons, Indiana, $54,139, Waring & Lewis, Hillside, $54,795, McCrady Bros., Braddock, $64,839.

McKean Co., 31,268 ft. rein.-con. or vitr. brick, Bradford Twp. and Lewis Run Boro., from Adams Evans Co., New York City, $277,329.

Mifflin Co., 24,049 ft. bituminous surface course on concrete foundation and Hillside vitr. brick or rein.-con., Armagh Twp., from Bennett & Randall, Lebanon, $252,711, A. McMullen Co., Finance Bldg., Phila., $262,468, Winston & Co., 240 Fair St., Kingston, N. Y., $266,442.

Northampton and Carbon Counties, 16,129 ft. rein.-con., Lehigh and Lower Towamensing Twps., Bowmanstown Boro, from J. F. Shanley, Jr., Commercial Trust Bldg., Phila., $197,590, G. Merdinger, Wilbut Trust Bldg., South Bethlehem, $216,014.

Potter Co., 7915 ft. bituminous surface course on concrete foundation or rein.-con., Roulette Twp., from Coles-Englehart Co., Ebensburg, $84,356; 5020 ft. bituminous surface course on concrete foundation or rein.-con., Roulette Twp., from Horn & Devling, Main St., Galeton, $47,522, Tyne & Willey, Binghamton, N. Y., $51,904.

Snyder Co., 2,320 ft. bituminous surface course on concrete foundation or rein.-con., Union and Chapman Twps., from A. McMullen, Finance Bldg., Phila., $316,292, R. C. Fiss, Shamokin Dam, $346,566, Winston & Co., 240 Fair St., Kingston, N. Y., $366,311.

Susquehanna Co., 6191 ft. rein.-con. and vitr. brick, Forest City Boro, from Holt Lumber Co., Belmont St., Carbondale, $59,462, J. Booth, 17 Salem Ave., Carbondale, $71,264.

Tioga Co., 24,113 ft. bituminous surface course on concrete foundation or rein.-con., Lawrence Twp. and Lawrenceville Boro., from Adams Evans Co., New York City, $191,287, J. C. Bradley & Co., Wellsboro, $192,685, T. H. Gill Co., 2nd Mutual Bldg., Binghamton, N. Y., $192,697.

Warren Co., 7936 ft. rein.-con., Sheffield Twp., from Ridelsperger & Savage, Warren, $60,690, F. C. Chiodo, Sheffield, $66,801, Anundson Bros., Sheffield, $74,006. Noted Aug. 14.

★Pa., Beaver Falls—City Council let contract paving 14th St. between 1st and 7th Aves., asphalt on concrete base, stone curbing, to Columbus Asphalt & Paving Co., Citizens Bank Bldg., Columbus, O., $34,875.

★W. Va., Berkeley Springs—Morgan Co. let contract to Sims & Terrington, 326 Commercial Trust Bldg., Phila., building 2 mi. Berkeley Springs-Hancock Rd., involving 9000 cu.yd. excav. at $1.47 per sq.yd. and 14,000 sq.yd. 6-8 in. cement concrete pavement, $2.47 per sq.yd. Total cost, $47,810. Noted Aug. 21.

★W. Va., Huntington—City let contract grading, curbing, guttering and paving portions 3rd and 4th Sts., also 12th Ave., between 3rd and 4th Sts., W., Carlisle brick block on gravel base, to Duncan & Griffeth, Huntington, $17,960.

★W. Va., Princeton—Mercer Co. let contract grading and draining 3.5 mi. road from Simmons Twp. to McDowell County line, 18 ft. wide, involving 27,000 cu.yd. excav., etc., to T. Towles & Co., Princeton, $25,663. Noted Aug. 21.

★N. C., Asheville—City let contract for 10,000 yd. asphaltic concrete pavement on 4-in. concrete base, to Asheville Paving Co., Asheville, at $2.68; 10,000 yd. concrete paving to E. T. Belote, Asheville, $2.43.

★N. C., Oxford—Comrs. Granville Co. let contract surfacing, widening, improving and relocating 5.5 mi. various roads, 20 ft. wide, involving 6200 cu.yd. excav., 2500 cu.yd. top soil, clearing, grubbing and laying culverts, etc., to T. F. Blair, Oxford. About $10,000.

★Ala., Birmingham—City let contract to Dunn Constr. Co., Chamber of Commerce Bldg., for paving, curbing and guttering 10th Ave. from Eleventh Pl. to 21st St., S., 30 and 36 ft. wide, involving 15,580 sq.yd. asphalt on 5 in. concrete base, and 1188 sq.yd. brick gutter, $47,814; to H. N. Bowdry, Empire Bldg., paving, curbing and guttering Pike Rd., involving 3300 sq.yd. asphalt on 5 in. concrete base and 350 ft. combined curb and gutter, $10,306.

Louisiana—State Highway Dept., Maison Blanche Bldg., New Orleans, received only bid paving 11.79 mi. Vinton-Orange Highway, Calcasieu Parish, from W. S. Bonner, New Orleans, $243,472. Noted Aug. 21.

★Ohio—State Highway Comn., Columbus, let contract grading, building bridges and culverts and paving 16.7 mi. Akron-Cleveland Rd., rein.-con., Summit Co., to Bates & Rogers Constr. Co., 241 Engineers' Bldg., Cleveland, $826,754.

O., Toledo—D. H. Goodwillie, serv. dir., received bids extending Summit St. by building 750 ft. timber revetment, 150 ft. rein.-con. viaduct, 400 ft. retaining wall and 2 bascule bridges, involving 90,000 cu.yd. earth excav., 5000 cu.yd. mass and rein.-con. and 70 tons reinforcing steel, from M. Rabbit & Sons, 115 Nasby Bldg., $496,530; J. C. Carland, 340 Spitzer Bldg., $501,985; Great Lakes Dredge & Dock Co., Williamson Bldg., Cleveland, $857,000. Noted Aug. 14.

★Michigan—State Highway Dept., Lansing, let contracts shaping, surfaceing and draining 1 mi. State Trunk Line Rd. No. 10-1, Iosco Co., involving 1169 cu.yd. concrete and 4624 sq.yd. gravel, to Banhagel Constr. Co., Ionia, cost plus percentage basis; 3.11 mi. State Trunk Line Rd. No. 26-2, Houghton Co., involving 27,368 sq.yd. 3 in. bituminous macadam to Bd. Houghton Co. Rd. Comrs., Dee Bldg., Houghton, $21,610; 3.094 mi. State Trunk Line Rd. No. 28-5, Ontonagon Co., involving 25,411 sq.yd. waterbound macadam, to J. C. Blomgren, Norway, $33,960.

★Mich., Detroit—Dept. Pub. Wks. let contracts to R. J. Powelson & Co., 1577 Iriquois Ave., paving Alley No. 1058, cost $4929, No. 1062, $1440, No. 1059, $1012; Lennane & McIlvenna, Book Bldg., No. 1060, $2634, No. 1063, $3582, No. 1066, $2504; Talbot Co., 400 Penobscot Bldg., No. 1061, $5421; Otis Cement Constr. Co., 806 Hammond Bldg., No. 1064, $3118; E. Meredith Co., 145 Harper Ave., No. 1065, $2717, No. 1067, $5190; all one course concrete. Noted Aug. 21.

Mich., Detroit—Dept. Pub. Wks. received bids from (1) W. B. Brady Constr. Co., 1972 Grand River Ave., (2) Detroit Asphalt Paving Co., 20 McGraw Bldg., (3) Cleveland Trinidad Paving Co., 2940 Woodward Ave., paving Epworth Blvd. from Tireman to Dailey Aves., (1) $58,759, (2) $58,913, (3) $60,501; Epworth Blvd. from Warren to Tireman Aves., (1) $52,395, (2) $50,016, (3) 52,866. Noted Aug. 21.

Mich., Detroit—Dept. Pub. Wks. received bids paving (1) Apple St. from St. John St. to Michigan Ave., (2) Central Ave. from McGraw to Radcliffe Aves., (3) Eastlawn Ave. from Kercheval to point 900 ft. north of Charlevoix Ave., (4) Fulton Ave. from Springfield Ave. to point 150 ft. west Wilkie Ave., (5) Helen Ave. from Strong Ave. to point 232 ft. south Miller Ave., (6) Helen Ave. from Harper to Strong Aves., (7) Homer Ave. from Springwell to Lawndale Aves., (8) Hazlett Ave. from Milford to Tireman Aves., (9) Marquette Ave. from 16th St. to Lawton Ave., (10) Parkdale Terrace from McGraw to Warren Aves., (11) Radcliffe Ave. from Central to Lonyo Aves., (12) Springwells Ave. from Malta to Michigan Aves., from Detroit Asphalt Paving Co., 20 McGraw Bldg., (1) $8583, (2) $28,195, (3) $36,927, (4) $18,617, (5) $23,646, (6) $8245, (7) $21,569, (8) $18,631, (9) $24,923, (10) $7712, (11) $23,463, (12) $20,362; Cleveland Trinidad Paving Co., 2940 Woodward Ave., (1) $8937, (2) $29,300, (3) $35275, (4) $19,135, (5) $24,483, (6) $8473, (7) $22,337, (8) $19,157, (9) $25,856, (10) $7975, (11) $24,346, (12) $20,946; W. B. Brady Constr. Co. 1972 Grand River Ave., (1) $8835, (2) $28,973, (3) $35,512, (4) $19,140, (5) $24,632, (6) $8522, (7) $22,308, (8) $19,025, (9) $25,116, (10) $7814, (11) $24,122, (12) $12,067; all asphaltic concrete on 6 in. base, with Berea or Medina curbstone. Noted Sept. 4.

★Ill., Decatur—City let contract paving North Taylor Ave., brick, and Prairie Ave. from Water St. west to Pine St., creosoted wood blocks, to File & Alexander, 315 Milliken Bldg. Cost $8430 and $66,980 respectively.

★Wis., Port Washington—City let contract grading, curbing, guttering and paving 1.8 mi. Main St., 20 ft. wide, to W. Larg, Port Washington, $11,790. Work involves 10,500 sq.yd. 1 course rein.-con. 2500 lin.ft. sidewalk, etc.

★Wis., Wausau—Marathon Co. let contract paving Schofield and Rothschild Rds., to Garvey-Weinberg Constr. Co., 812 College St., Appleton. About $102,000.

Minn., Minneapolis—Comrs. Hennepin Co. received bids grading and graveling 1½ mi. approaches to Cedar Ave. Bridge, 24 ft. wide, from Nelson & Frederick, Temple Court, $42,373; Foley Bros., Gillilan Bldg., St. Paul, $44,792; S. J. Groves & Sons, Kasota Bldg., $48,671. Noted Aug. 14.

★Kan., Atchison—City let contract paving and curbing 10 blocks North 4th St. from Main to Degan Sts., 25 ft. wide, brick, to A. Schmeling, 603 North 11th St., $1.28 per sq.yd.

★Neb., Alliance—City let contract paving and installing storm sewers in Box Butte and Laramie Aves., 1st, 2nd, 3rd and 4th Sts., 40-72 ft. wide, to Sprague & Nicely, Beatrice, $190,163. Noted Aug. 7.

★Neb., Alliance—City let contract paving with brick and building storm sewers in 15 blocks of streets in Dist. No. 2, 25 ft. wide, to Sprague & Nisley, Beatrice. About $85,000.

★Neb., Beaver City—Furnace Co. let contract paving and building culverts on 19.4 mi. Beaver City, Arapahoe Rd., 24 ft. wide, to Western Bridge & Constr. Co., 648 Bee Bldg., Omaha, $22,278. Grading will be done by county forces, cost $57,160.

★Neb., Fairmont—City let contract paving 3500 ft. Lincoln St. and Fairmont Ave., 26-52 ft. wide, to Abel Constr. Co., 318 Terminal Bldg., Lincoln, $74,191. Noted Aug. 7.

★Neb., Fairmont—City let contract paving main streets, Dist. No. 1, asphaltic concrete, to Abel Constr. Co., 318-19 Terminal Bldg., Lincoln. About $65,000.

★Neb., Hastings—Adams Co. let contract grading 27.3 mi. Red Cloud-Ayr. Rd. and 11.3 mi. Hastings-Ayr Rd., to Cook-O'Brien Constr. Co., Kansas City, Mo., $20,052 and $39,376 respectively; culverts for same, to D. Quinton, Kearney, $8513 and $15,275 respectively. Noted July 21.

★Neb., McCook—Red Willow Co. let contract grading 17.1 mi. McCook-Bartley Rd., 24 ft. wide, to R. Condon, Omaha, $62,181 culverts for same, to Central Bridge & Constr. Co., Wahoo, $34,492. Noted July 31.

★Neb., Red Cloud—City let contract to Watts Constr. Co., Grand Island, $144,768, paving Cedar, Webster, Seward and Walnut Sts., 3rd, 4th, 5th, 6th, 7th and 9th Aves., 26-54 ft. wide, involving 40,000 sq.yd. asphaltic concrete on 5 in. concrete base, 27,000 lin.ft. concrete curbing and guttering and 150 cu.yd. excav. Noted Aug. 7.

★Neb., Red Cloud—City let contract paving 4 blocks Dists. Nos. 2 and 3, involving 40,338 sq.yd. asphaltic concrete, 27,427 sq.yd. concrete, concrete curbing and guttering to Watts Constr. Co., Concordia, Kan., $2.65 per yd. paving, and $1 per lin.ft. for curbing and guttering.

★Neb., Stockville—Frontier Co. let contract grading 12.1 mi. Curtis-Stockville Rd., 24 ft. wide, to Adamson & Walsh, Fullerton, $32,531; culverts, to Nebraska & Iowa Steel Tank Co., 1300 Willis Ave., Omaha, $2473. Noted Aug. 14.

★Montana—State Highway Comn., Helena, let contracts to State Highway Constr. Co., Helena, gravel surfacing 4.25 mi. Yellowstone Trail, Park Co., $23,743; 4 mi. Red Trail, from Dawson Co. line east, Wibaux Co., $21,608; 4.5 mi. Red Trail, Wibaux Twp., Wibaux Co., $22,020. Noted June 12.

★Mont., Cut Bank—City let contract building roads involving 2400 cu.yd. excav., 7271 lin.ft. concrete curb and 54,200 sq.ft. cement sidewalk, to Two Miracle Constr. Co., 437 Ford Bldg., Great Falls, $32,488.

★Mo., Rockport—City let contract paving Dists. 1, 2, 3 and 4, involving 21,800 sq.yd. vertical fibre brick, 40,232 sq.yd. 6 in. concrete, 2030 ft. 10-30 in. drainage pipe, 7 manholes and 12 catch basins, to Lynch & McDonald, Moberly, $255,632.

★Mo., St. Louis—Bd. Pub. Serv. let contract paving and rebuilding Neosho St. from Macklind St. east to city limits, to Granite Bituminous Paving Co., Ry. Exch. Bldg., $21,940. Noted June 26.

★Texas—State Highway Comn., Austin, let contract to Womack Constr. Co., Houston, gravel surfacing and draining on 2.998 mi. Highway No. 7, Federal Aid Project No. 90, 16 and 24 ft. wide, $14,181; 5.405 mi. Highway No. 7, State Aid Project No. 88, 16 and 24 ft. wide, $23,763; 10.84 mi. Highway No. 30, 16 and 24 ft. wide, $30,719; 20.661 mi. Highway No. 30, from Runnels Co. line northward, 16 and 24 ft. wide, $60,117. Noted Aug. 21.

★Tex., Dallas—City let contracts to Texas Bitulithic Co., Praetorian Bldg., paving curbing and guttering Carroll Ave. from Parry to East Side Aves., 30 ft. wide, involving 7159 sq.yd. asphalt on 5 in. concrete base, 4053 lin.ft. curb and gutter.

Streets and Roads (Continued)

2332 cu.yd. earth excav., $26,303; Crockett St. from Bryan to San Jacinto Aves., 25 ft. wide, 1815 sq.yd. asphalt, on 5 in. concrete base, 572 lin.ft. concrete curb and 753 cu. yd. earth excav., $6788, Jackson St., from Houston St. to Bway., 50 ft. wide, 752 sq. yd. asphalt, on 5 in. concrete base, 140 lin. ft. concrete curb and gutter and 217 cu.yd. earth excav., $2596; to Uvalde Paving Co., Interurban Bldg., Ann St., from Santa Fe to Stonewall Aves., 26 ft. wide, 6687 sq.yd. asphalt, 4480 lin.ft. curb and gutter, and 1100 cu.yd. earth excav., $24,578. Noted March 6.

★**Tex., Montague**—Montague Co. let contract gravel surfacing and building rein.-con. bridges and culverts on 9.84 mi. Meridian Highway, from Bowie to Wise Co. lines, 16 ft. wide, to Harris & Powell, Tyler, $50,990. Noted Aug. 7.

Tex., Seguin—Comrs. Guadalupe Co. received bids improving 14.58 mi. Highway No. 3 from here to Gonzales Co. line, 24 ft. wide, (a) grading, scarifying, hauling, placing, gravel surfacing, (b) building rein.-con. drainage structures (exclusive of 3 bridges already contracted for), from W. T. Montgomery, Alamo Bank Bldg., San Antonio, (a) $39,475 (road work only, excluding concrete), J. F. Hamer, Stop 6, Int., Ft. Worth, (a) $52,734, (bid incomplete); McCall-Moore Co., 308-309 Amicable Bldg., Waco, (b) $16,053, J. W. Goodrum, Seguin, (b) $16,240, W. E. Dozier, Dam Blvd., Austin, (b) $18,500. Noted Sept. 4.

Utah—State Highway Comn., Salt Lake City, received bids paving 2.21 mi. various streets, 18-20 ft. wide, 7 in. concrete, in Farmington Twp., from Lynch Constr. Co. McIntyre Bldg., $76,231; Christianson, Jacobs & Gardiner, Salt Lake City, $76,834.

★**Utah**—State Highway Comn., Salt Lake City let contract to F. E. Phelps, Salt Lake City, paving 3.66 mi. state road from Ogden to Hot Springs, 18 ft. wide, 7 in. concrete, $100,413; 2.26 mi. road from Roy to south limits of Ogden, 18 ft. wide, $60,325. Noted July 10.

★**Utah, Brigham**—City let contract furnishing materials and paving various streets, to Gibbons & Reed, Kearns Bldg., Salt Lake City, $151,065.

★**Utah, Salt Lake City**—City let contract paving 7843 ft. 7th St. E. between 4th and 13th Sts. S., 66 ft. wide, 2 in. asphalt topping on 4 in. concrete base, to J. W. Mellen, Auditorium Bldg., $140,578.

Utah, Salt Lake City—Comrs. Salt Lake Co. received bids building and graveling 3.12 mi. road through Lambs Canyon on Alpine Scenic Highway, 16-24 ft. wide, from D. B. Brinton, Salt Lake City, $16,713; Pickering Bros. Salt Lake City, $26,879.

★**Utah, Spanish Fork**—City let contract paving Main and various other streets, to Wattis-Samuels Co., Newhouse Bldg., Salt Lake City, $153,014.

★**Arizona**—State Highway Comn., Phoenix, and Federal Government let contract building Tempe-Mesa Highway, Federal Aid Project No. 8, to McElrath & Shumway, $204,009. Noted May 8.

★**Wash., Winlock**—City Council let contract hardsurfacing 1.5 mi. roads, concrete, to Ford & White, Seattle, $24,712.

★**Ore., Bend**—City Council let contract clearing, grubbing, grading, cindering, building sidewalk and curbs and laying sewer pipes in Dists. Nos. 10, 11, 12, 13, 14, to J. Rock, Bend, $30,957. Work involves 7690 lin.ft. cement curbing, 24,430 lin.ft. cement sidewalk, 9504 cu.yd. earth and 1590 cu.yd. rock excav., 360 ft. 12 in. vitr. tile sewer pipe.

California—State Highway Comn., Forum Bldg., Sacramento, received bids building Sect. A, Route 16, Div. 1, Federal Aid Project No. 20, Lake Co., from Erickson & Petterson, Monadnock Bldg., San Francisco, $116,101, W. J. Schmidt, Berkeley, $123,721, A. J. Fairbanks, Willits, $123,905; Sect. A, Route 2, Div. 7, Federal Aid Project No. 23, Los Angeles Co., Bryant & Austin, Inc., 1540 Compton St., Los Angeles, $48,178, G. R. Curtis, 2440 East 26th St., $51,785, Fairchild-Gilmore-Wilton Co., 610 South Main St., Los Angeles, $54,711; Sect. A, Route 2, Div. 5, Federal Aid Project No. 25, Santa Barbara Co., F. C. McIntire, Farmers & Merchants Bank Bldg., Stockton, $38,116, J. L. Connor, 405 West 28th St., Los Angeles, $39,437. Noted Aug. 14.

★**Cal., Hanford**—City let contract improving 1¼ mi. various streets, 50 ft. wide, to Blanchard, Crocker & Howell, 593 Market St., San Francisco, $109,303. Work involves 4 in. bituminous base and 1½ in. bitulithic surface, concrete curbs and gutters. Noted Aug. 7.

★**Cal., Holtville**—City let contract for 497,000 sq.ft. concrete paving and 5000 lin. ft. cement curbing, to G. R. Daley, McNeece Bldg., San Diego. About $175,000.

★**Cal., Los Angeles**—Bd. Supervs. Los Angeles Co. let contract improving 14.19 mi. Sierra Madre Rd., near Lancaster, 18 ft. wide, to White & Gaskill, 356 Hermosa Ave., Long Beach, $218,000. Work involves 17,223 cu.yd. excav., 74,923 lin.ft. shaping roadbed, 21,460 tons oil macadam, 23,500 tons oil macadam (hauling and placing only), 1850 tons disintegrated granite (hauling and placing only) and 3500 bbls. oil, etc. Noted Aug. 28.

★**Cal., Santa Barbara**—City let contract paving Figueroa Sts. et al, to Fairchild, Gilmore-Wilton Co., Pacific Electric Bldg., Los Angeles, $22,485. Work involves 71,265 sq.ft. 4 in. concrete paving with 1½ in. Warrenite surface, $0.224 per sq.ft., 2192 lin.ft. combined cement curb and gutter, $1.35, 152 lin.ft. cement curb, $0.50, 4031 sq.ft. cement gutter, $0.24, sewer and 2 manholes, $465. Noted July 31.

★**Ont., Islington**—F. Barber, engr., 40 Jarvis St., Toronto, let contract to E. G. Law, 136 Hillsdale Ave., E., building 2¾ mi. Queen St., from Lake Shore Rd. to Kipling Ave., 20 ft. wide, waterbound macadam, for city. About $22,000. Noted May 29.

★**Ont., Ottawa**—City let contract paving Murray St. from Cumberland St. to King Edward Ave. and St. Patrick's St. from Sussex to McKinzie Aves., asphalt, to Ottawa Constr. Co., Elgin, $6753 and $3468 respectively; Booth St., from Somerset St. to Grand Trunk Ry. tracks, to O'Learys, Ltd., Elgin St., $36,622. Noted Aug. 28.

★**Ont., Owen Sound**—Town Council let contract for 8000 ft. paving, 28-36 ft. wide, to Warren Bituminous Co., McKinnon Bldg., Toronto, $180,000. Work involves 350,000 sq.yd. bitulithic asphalt on 5 in. concrete base and 15,000 lin.ft. concrete curbing Noted July 10.

★**Ont., Toronto**—W. A. McLean, deputy minister highways, let contracts grading and building following roads with macadam: Sect. 1, 15.93 mi. from easterly limit of London to westerly limit of town of Ingersoll, to Frid Constr. Co., 61 Adelaide, E., cost $82,000; Sect. 2, 15.62 mi. from easterly limit of Brantford to village of Lancaster, to D. O. Johnston, Brantford, $81,000; Sect. 5, 7.72 mi. from westerly limit of Kingston to westerly limit of Kingston Twp., to J. G. Murphy, 28 Dominion St., $43,500; Sect. 6, 10.46 mi. from easterly limit of Brockville to westerly limit of town of Prescott, to Brockville Constr. Co., Brockville, $55,600. Noted Aug. 14.

★**B. C., Victoria**—Dept. Pub. Wks. let contract building 2½ mi. Rd. No. 3, Lulu Island, Richmond Co., 16 ft. wide, 2 in. asphaltic concrete on macadam base, to M. P. Cotton Co., Ltd., False Creek Yards, $20,000 and Harrison & Lamond, Pacific Bldg., $20,000. Noted Aug. 21.

Railways

PROPOSED WORK

Illinois—H. A. Balden, ch. engr., Southern Traction Co., 26th St. and Trendley Ave., East St. Louis, soon receives bids laying track and repairing road bed from eastern terminal of Free Bridge over Mississippi River from St. Louis to mines at Belleville. Cost, including rolling stock cars and tracks to coal mines, $2,400,000.

Mo., Wellsville—See "Excavation and Dredging."

Excavation and Dredging

PROPOSED WORK

Mont., Deer Lodge—Irrigation—Cooper's Lake Irrigation Dist., Powell Co., plans to build system to reclaim 11,610 acres. Cost to exceed $10,000. A. V. Mahon, c/o State Highway Dept., Helena, engr.

Mo., Wellsville—Excavation—W. K. Walker, engr., c/o Laclede Christy Clay Products Co., Ry. Exch. Bldg., St. Louis, soon receives bids for 46,000 cu.yd. earth excav., also building 2½ mi. spur track, here.

BIDS DESIRED

Ia., Wapello—Drainage—Until Sept. 16, by Bd. Supervs. Muscatine and Louisa Counties, furnishing material, labor, tools and appliances and constructing complete as a part drainage system of Muscatine-Louisa D. D. No. 13, (1) steam driven pumping plant, (2) motor driven pumping plant, to operate on electric current, (3) oil engine pumping plant, (4) combination plant with present plant (5) engineer's residence. C. H. Young, ch. engr.

Minn., Hastings—Excavation—State Bd. Control, St. Paul, receiving bids excavating tunnel about 600 lin.ft. long, at State Asylum for Insane, here. About $90,000. C. L. Pillsbury Co., Metropolitan Life Bldg., Minneapolis, engrs. Noted Aug. 28.

Minn. Waseca—Ditch—Until Sept. 20, by Auditor Waseca Co., building Main No. 2 of Ditch No. 15. Work involves 42,125 ft. 6-40 in. tile. About $74,627. G. Cox, Waseca, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. Y., New York**—Dredging—M. Hurlburt, comr. docks, Pier A, Battery Pl., let contract dredging 115,000 cu.yd. at north and south sides Pier 59, south side of Pier 64, north and south sides Pier at West 52nd St., north and south sides West 54th St. Pier, south side West 58th St. Pier, North River, 29,000 cu.yd. east side Pier 36, north side Piers 50, 51, 52, East 4th St. and bulkhead foot East 14th St., East River, Manhattan Boro., Contr. 1625, to F. E. Jones, 17 Battery Pl., $67,975. Noted Sept. 4.

★**O., Kenton**—Excavation—Upper Scioto Drainage & Conservancy Dist. reconsidered bids received Aug. 6, and let contract improving channel and building levees along Scioto River through here, to F. C. Morgan, Lemcke Bldg., Indianapolis, Ind. About $400,000. Noted Aug. 14.

Wis., Manitowoc—Dredging—City received bids dredging 50,000-55,000 cu.yd. Manitowoc River from Upper Soo Line Bridge to Lower Soo Line Bridge, from McMullen & Pitz, 915 Commercial St., $.31 per cu.yd., Grieling Bros., 124 North Adams St., Green Bay, $.32, Great Lakes Dredge Co., 216 West Water St., Milwaukee, $.34. Noted Aug. 7.

★**Neb., Bloomfield**—Ditch—City let contract dredging 6800 lin.ft. ditch, involving 70,000 cu.yd. excav., to S. O. Briggs Co., 925 Natl. Bank Bldg., Omaha. About $23,800.

Industrial Works

PROPOSED WORK

Mass., Holyoke—D. H. Barowsky, 78 Appleton St., plans to build 4 story warehouse on South St. About $50,000. Architect not selected.

Mass., Holyoke—Germania Mills, Race St., plans to build new factories. About $500,000. Architect not selected.

Mass., Millbury—J. F. Frazier plans to build 2 story, 64 x 78 ft. brick and rein.-con. garage, concrete foundation, on South Main St. About $25,000. J. P. Kingston & Son, 518 Main St., Worcester, archts.

Mass., Northboro—Framingham Forge Co., Framingham, plans to build forge shop, here. About $30,000. Architect not selected.

Mass., Thorndike—Leary & Walker, engrs., New Bedford, soon receive bids building 6 story, 75 x 163 ft., brick and concrete addition to factory, concrete foundation, for Thorndike Co. About $175,000.

Mass., Worcester—Arvidson Baking Co., 75 Ward St., having plans prepared by McCormick & Co., archts., 41 Park Row, New York City, for 2 story, 93 x 115 ft. bakery, brick and timber, concrete foundation, on Arwick Ave. About $75,000.

Mass., Worcester—C. R. Hoyle, archt. and engr., 390 Main St., soon lets contract building 2 story, 150 x 200 ft. rein.-con., brick and steel garage, concrete foundation, on Mechanic St., for B. L. Handelman, Portland St. About $100,000. Noted July 31.

R. I., Providence—Jenks & Ballou, engrs., 1035 Grosvenor Bldg., soon let contract building 2 story, 40 x 160 ft., brick, concrete, tile and steel warehouse, rein.-con. flooring, concrete foundation, on Canal St., for What-Cheer-Beef Co., 356 Canal St. About $30,000. Noted Aug. 7.

R. I., Providence—P. J. Naugle, Wood St., having plans prepared by W. G. Richards, arch., 17 Exchange St., for 1 story, brick and steel garage and service station, rein.-con. flooring, concrete foundation, on Sprague, Fuller and Westfield Sts. About $25,000.

R. I., Providence—W. R. Walker & Son, archts., 17 Custom House St., soon let contract building 2 story, 154 x 210 ft., brick and rein.-con garage and factory, rein.-con. flooring, concrete foundation, on Summer and Conduit Sts., for Fulford Mfg. Co. About $60,000. Noted May 8.

Conn., Bridgeport—Fletcher-Thompson, Inc., engrs., 1089 Broad St., receive bids about Sept. 20, building 7 story, 100 x 140 ft. brick and rein.-con. cold storage and ice making plant, rein.-con. flooring, concrete

Industrial Works (Continued)

foundation, on Seaview Ave., for People's Ice & Cold Storage Co., 1335 Seaview Ave. About $350,000. Noted May 22.

Conn., Bridgeport—Moloney & Krokstedt, archts., 925 Main St., soon receive bids building 1 story, 50 x 110 ft. brick and concrete garage and showroom, rein.-con. flooring, concrete foundation, on Stratford Ave. and 4th St., for D. J. Byrnes, 845 Connecticut Ave. About $25,000.

Conn., Danbury — Danbury Industrial Corp., Odd Fellows Bldg., plans to build factory. About $100,000. Architect not selected. Keystone Instant Food Co., Inc., lessee.

Conn., East Norwalk (South Norwalk P. O.)—Crofut & Knapp, Water St., South Norwalk, having plans prepared by Fletcher-Thompson, Inc., engrs., 1089 Broad St., Bridgeport, for two factories, one 5 story, 66 x 300 ft., and other 3 story, 210 x 300 ft., also building 1 story, 60 x 150 ft. power plant, rein.-con., rein.-con. flooring, concrete foundation, on Van Zandt Ave., here. About $500,000. Noted Aug. 28.

Conn., Hartford—B. A. Sellew, archt., 756 Main St., rejected bids received Aug. 15, building 1 story, 90 x 100 ft. garage with 30 x 30 ft. ell and 2 story, 40 x 60 ft. office and showroom, brick and terra cotta, concrete flooring and foundation, on Washington St., for Hartford Buick Co., 51 Elm St. About $50,000. Project postponed until next spring. Noted Aug. 7.

Conn., New Haven—S. Sessa, 380 Crown St., soon receives bids building 1 story, 65 x 135 ft. brick and steel garage, rein.-con. flooring, concrete foundation, on George and Park Sts. About $28,000. Private plans.

Conn., South Manchester—G. E. Keith Furniture Co., 829 Main St., having plans prepared by A. E. Fiske, archt., 67 Bigelow St., for 3 story, 47 x 190 ft. furniture and business building with storehouse in rear, brick, rein.-con. flooring, concrete foundation, on Main and Bissell Sts. About $65,000. Noted May 15.

Conn., Thamesville (Norwich P. O.)—Cudworth & Thompson, archts., Thayer Bldg., Norwich, soon receive bids building 3 story, 40 x 80 ft. rein.-con. addition to plant, rein.-con. flooring, concrete foundation, for Norwich Woolen Co. About $25,000.

Conn., Waterbury—F. A. Webster, archt., 51 West Main St., soon receives bids building 1 story, 50 x 50 ft. shop, 2 story, 50 x 120 ft. foundry, and 1 story, 100 x 100 ft. storage plant, all brick, rein.-con. flooring, concrete foundation, on Railroad Hill, for Manufacturers Fdry. Co. About $60,000.

Conn., Winnipauk (Norwalk P. O.)—Monks & Johnson, engrs., 78 Devonshire St., Boston, Mass., receive bids about Sept. 15, building 6 story, 80 x 130 ft. addition to factory, near State Rd., brick and rein.-con., rein.-con. flooring, concrete foundation, for Norwalk Tire & Rubber Co. About $100,000. Noted Aug. 28.

N. Y., Brooklyn—Kahan & Feldman, 25 Madison Ave., New York City, had plans prepared by Buchman & Kahn, archts. and engrs., 56 West 45th St., New York City, for 5 story, 80 x 295 ft., rein.-con. and steel factory, rein.-con. flooring, concrete foundation, on Suydam St. between Wykoff and Irving Aves., here.

N. Y., Long Island City—Lehigh Silk Hosiery Co., 220-5th Ave., New York City, soon lets contract building 7 story, rein.-con. and steel factory, rein.-con. flooring, concrete foundation, here. About $1,000,000. Ballinger & Perrott, 47 West 34th St., New York City, archts. and engrs.

N. Y., New York—S. and C. Hyman, 2069-5th Ave., soon receives bids altering 4 story brick and steel factory, on Grand and Goerck Sts. About $25,000. S. Rosenblum, 51 Chambers St, archt. and engr.

N. Y., Rochester—General Ry. Signal Co., Lincoln Park, plans to build 43 x 120 x 240 ft. addition to foundry and 66 x 240 ft. rein.-con. loading platform. About $115,000.

N. Y., Walton—J. Kayser Co., 32nd St. and Madison Ave., New York City, had plans prepared by W. Higginson, archt. and engr., 18 East 41st St., New York City, for factory here, 1 story, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $100,000.

Pa., Phila.—H. Ketcham, 239 Harvey St., having plans prepared by H. B. Weldon, archt., Fuller Bldg., for 1 and 3 story, 100 x 150 ft., 30 x 36 ft. and 16 x 40 ft. garage, office and lumber shed, fireproof construction.

Md., Baltimore—Columbia Graphophone Co., 16 South Howard St., negotiating for site and plans to build large manufacturing plant.

W. Va., Huntington—Huntington Brick Tile Co. having plans prepared by T. M. Davidson, archt. and engr., Huntington, for 1 story, 100 x 150 ft. main building, 80 x 100 ft. dry kiln, also 16 oval top kilns 50 ft in diameter, rein.-con., steel and brick. About $150,000.

W. Va., Huntington—Huntington Tumbler Co., Madison Ave., having plans prepared by A. F. Dickey, archt., Huntington, for factory on 15th St., W., 1 story, 82 x 272 ft., with 50 x 70 ft. wing, concrete, steel and brick. About $100,000.

O., Cleveland—Hubbell & Benes, archts. and engrs., 4500 Euclid Ave., preparing plans and soon receive bids building 6 story, 40 x 198 ft., rein.-con., steel and brick addition, on East 6th St. and Superior Ave., for Cleveland Plain Dealer Co., Plain Dealer Bldg. About $250,000. Noted Aug. 28.

O., Columbus—G. Sherman, Bexley, plans to raze present structure and build 2 story, 50 x 200 ft., fireproof garage and salesroom, on East Broad St., here. About $125,000. C. L. Inscho, Brunson Bldg., archt.

O., Greenville—See "Waterworks."

Ind., Indianapolis—J. D. Adams Co., 217 South Belmont Ave., having plans prepared by Bass, Knowlton & Graham, archts., 801 Hume-Mansur Bldg., Indianapolis, for 1 story, 162 x 175 ft. concrete and steel storage house, at 317 Belmont Ave. About $60,000.

Ind., Indianapolis—A. F. Bartel, 911 North East St., Richmond, having plans prepared by Trowbridge & Ackerman, archts., 19 West 44th St., New York City, for 3 story brick and steel factory, rein.-con. flooring, concrete foundation. About $50,000. P. J Piatti, 47 West 34th St., New York City, engr.

Mich., Bay City—C. R. Wilson Body Co., 26th and Farragut Sts., having revised plans prepared by A. E. Munger, archt., 420 Shearer Blk., for 1 story, 100 x 316 ft., steel and brick factory, rein.-con. flooring, concrete foundation. Plans also include ten 50 x 150 ft., brick and hollow tile dry kilns.

Mich., Detroit—Detroit Edison Co., David Whitney Bldg., preparing plans for 2 story, 25 x 113 ft., rein.-con. and brick sub station, rein.-con. flooring, concrete foundation, on Conners Creek Rd. near Six-Mile Rd. About $40,000.

Mich., Detroit—Detroit Twist Drill Co., Fort St. and 14th Ave., soon lets contract building 3 story, 45 x 87 ft., rein.-con. factory, rein.-con. flooring, concrete foundation. Smith, Hinchman & Grylls, 710 Washington Arcade, archts.

Mich., Detroit—Garfield Cartage Co., Harper Ave., having plans prepared by A. G. Schutt, engr., 1333 Book Bldg., for 1 story, 30 x 70 ft., rein.-con. and steel garage, rein.-con. flooring, concrete foundation.

Mich., Detroit—Michigan Machine Co., 16th and Porter Sts., having plans prepared by Brown & Preston, archts., 406 Empire Bldg., for 3 story, 107 x 158 ft., rein.-con., steel and brick factory, rein.-con. flooring, concrete foundation. About $150,000.

Mich., Detroit—Mills-Fox Baking Co., 4th and Merrick Aves., having plans prepared by Brown & Preston, archts., 406 Empire Bldg., for 2 story, 65 x 100 ft. bakery, rein.-con. flooring, cost $30,000, 1 story, 70 x 120 ft. storage building, $25,000 and 1 story, 65 x 140 ft. garage, $40,000, all steel and brick, concrete foundation.

Mich., Detroit—Monarch Fdry. Co., Greenwood Ave. and Grand Trunk Ry., having plans prepared by H. M. Lane Co., engrs., Owen Bldg., for 1 story, 100 x 200 ft. steel and concrete foundry, rein.-con. flooring, concrete foundation on Herrick St. and Vernoe Ave.

Mich., Hamtramck—Raseman & Freier, archts., 1302 Penobscot Bldg., Detroit, preparing plans for 4 story, 100 x 200 ft., rein.-con. steel and brick factory, rein.-con. flooring, concrete foundation here. About $200,000. Owner's name withheld.

Mich., Saginaw—Cooper & Beckbissinger, archts., 114 South Jefferson St., preparing plans for 4 story, 100 x 120 ft., rein.-con. steel and brick factory, concrete foundation. Owner's name withheld.

Ill., Chicago—L. G. Hallberg & Co., archts., 116 South Michigan Ave., soon receives bids building 2 story, 250 x 400 ft., rein.-con. and brick factory, rein.-con. flooring, concrete foundation, on Ohio St. and Spaulding Ave., for Wilson-Jones Loose Leaf Co., 3021 Carroll Ave. About $400,000. Noted Aug. 21.

Ill., Hardin—P. A. Robinson, engr., Syndicate Trust Bldg., St. Louis, soon receives bids building oil stations and other appurtenances also installing tanks and fillers, for Standard Oil Co. of Indiana, Syndicate Trust Bldg., St. Louis. About $30,000.

Ill., Quincy—F. H. Clark, Natl. Oil & Refining Co., et al, plan to build oil refinery. About $100,000.

Wis., Appleton—Outagamie Co. Equity Exch. having preliminary plans prepared for warehouse. About $50,000.

Wis., Galesville—Pea Canning Co. plans to construct plant, to include 2 story, 60 x 80 ft., 1 story, 80 x 120 ft. and 1 story, 40 x 44 ft. buildings. About $50,000. W. Bennett, Batavian Bank Bldg., La Crosse, archt.

Wis., Green Bay—Brown Co. Equity Milk Exch. having plans prepared by C. H. Williams, archt., 814 North Jefferson St., building 2 story, 60 x 120 ft., rein.-con. factory. About $35,000.

Wis., Kiel—Kiel Furniture Co. plans to build 2 story, 40 x 160 ft. brick, tile and steel factory, brick foundation, on Main St. About $25,000. Architect and engineer not selected.

Wis., Lake Mills—F. S. Roberts having plans prepared by J. R. & E. J. Law, archts., 620 Gay Bldg., Madison, building 2 and 3 story, 84 x 144 ft., brick and rein.-con. factory, rein.-con. flooring, brick foundation, on Main St. About $40,000.

Wis., Madison—State Bd. Control having plans prepared by A. Peabody, archt., Capitol Bldg., for 1 story 20 x 150 ft., brick and concrete engineering shop. About $40,000.

Wis., Milwaukee—Wallace & Smith, 70 West Water St., having plans prepared by Rosman & Wierdsman, archts., 424 Jefferson St., remodeling 5 story, brick and mill construction factory, at 70 West Water St. About $60,000.

Wis., Oshkosh—Bull Dog Tractor Co. having preliminary plans prepared building 200 x 200 ft. factory. About $750,000. A. H. Gruenwald, 24 Washington St., mgr.

Wis., Waupaca—Steward Tractor Co., 906 1st Natl. Bank Bldg., Milwaukee plans to build 1 story, 80 x 125 ft. rein.-con. and brick factory. About $60,000. A Steward, mgr. Private plans.

Ia., Storm Lake—City voted $100,000 bonds to build electric light plant.

Minn., Minneapolis—Eagle Fdry. Co., 26th St., S. E., having plans prepared by H. L. Asleson, engr., 3055-15th Ave., S., for 1 story, 65 x 120 ft., brick and steel foundry. About 50,000.

Minn., Virginia—Barrett Bros. having plans prepared by A. W. Kerr & Co., archts., Virginia, for 2 story, 73 x 120 ft., concrete and brick warehouse. About $65,000.

Mo., St. Joseph—Roberts Cone Co., 709 North 3d St., having plans prepared by R. Meier, archt., 2526 Jule St., for 5 story, 80 x 140 ft., rein.-con., steel and brick factory, rein.-con. flooring, rock and concrete foundation. About $130,000. Noted June 17.

Mo., St. Louis—Duco Adding Machine Co., 1900 Morgan St., plans to build new factory. About $100,000 Architect not selected. Address R. L. Cruzon, c/o owner.

Mo., St. Louis—St. Louis Brass Mfg. Co., Washington and Jefferson Aves., had plans prepared for 6 story, 175 x 300 ft. brick, steel and concrete plant. About $500,000. Address E. S. Guth, pres. Architect not selected.

Tex., Ft. Worth—Crystal Ice Co., 301 East Magnolia Ave., plans to build 1 story storage house. About $40,000.

Tex., Ft. Worth—W. B. Fishburn, Stop Virginia, plans to build 1 story, 50 x 100 ft. garage. About $25,000.

Tex., Houston—J. J. Bonner, Goggan Bldg., plans to build brick garage and filling station on San Jacinto St. and McKinney Ave. About $30,000.

Tex., San Antonio—Fisk Co., 204 Ave. C, plans to build 2 story, 150 x 150 ft., rein.-con. factory. About $100,000. G. A. C. Halff, 505 Travis Club, pres.

Okla., McAlester—Oklahoma Storage Co. plans to build 3 story warehouse, to be capable of housing 5000 bales cotton. About $50,000. Architect and engineer not selected.

Okla., Ponca City—City voted $50,000 bonds to build electric light plant. Engineer not selected.

Okla., Sapulpa—Southern Ice & Utilities Co. plans to build a 2 story, 50 x 150 ft. cold storage plant on Main St. About $25,000. Architect and engineer not selected.

Industrial Works (Continued)

Ariz., Phoenix—Arizona Egyptian Cotton Co., 5th and Lincoln Sts., plans to build cotton seed oil refinery to have daily capacity of 10,000 gal. J. B. Atha, mgr.

Wash., Seattle — Pacific States Motor Truck Co., Securities Bldg., plans to build 2 story, 120 x 180 ft. factory, brick and mill construction, rein.-con. flooring, on 3rd and Wall Sts. About $45,000. Stephen & Stephen, New York Blk., archts.

Ore., Enterprise—Eastern Oregon Lumber Co. plans to rebuild 1 story sawmill recently destroyed by fire, 125,000 ft. daily capacity. Private plans. About $50,000. Address J. Ricker, saw filer.

Cal., Oakland—H. Jones & Co., Australia, having plans prepared by W. J. Miller, archt., 417 Market St., San Francisco, for 1 story, 250 x 450 ft. factory, 1 story, 50 x 250 ft. welfare building and 1 story, 50 x 100 ft. administration building, on 11th St. and 29th Ave. About $300,000.

Cal., San Francisco—Simmons Co., 198 Bay St., soon lets contract building 3 story, brick factory on Bay and Stockton Sts.

Cal., Torrance—Western Glass Products Co., 707 Hibernian Bldg., Los Angeles, purchased 10 acre site, here, and plans to construct factory to consist of group of buildings. A. LaCourse, Collingswood, N. J., archt. and engr.

N. S., Halifax—A. W. Robb, secy. Herald Newspaper, soon lets contract building 40 x 60 ft. concrete warehouse. About $28,000.

Que., Montreal — Bovril Co., Ltd., 27 St. Peter St., plans to build 4 story, 75 x 150 ft., concrete, steel and brick factory, rein.-con. flooring, concrete foundation, on Van Horne St. About $155,000. Architect not selected.

Ont., Brockville — Consolidated Iron & Steel Corp., Ltd., 20 King St., E., Toronto, plans to build iron smelter. About $8,000,000. Engineer not selected.

Ont., Hamilton—W. J. Westaway, engr., 73 James St., N., soon receives bids building 5 story, 80 x 200 ft., rein.-con. factory, here, rein.-con. flooring, concrete foundation, for Perritts & Spencer, Bury, England. About $600,000.

Ont., London—See "Miscellaneous."

Ont., Oshawa—Pedlar People, Ltd., Simcoe St. S., preparing plans for 3 or 4 story, concrete, steel and brick factory, rein.-con. flooring, concrete foundation. About $500,000.

Ont., Renfrew—Renfrew Refrigerator Co., Elizabeth St., soon receives bids building extension to present factory. About $60,000.

Ont., Toronto—Canadian General Electric Co., King and Simcoe Sts., soon receives bids building 6 story, 50 x 200 ft., steel and brick storehouse and office building, concrete foundation, on King St., W. About $200,000.

Ont , Toronto—L. Solman, King St. W., purchased site on King and Simcoe Sts. and plans to buid 5 story, 50 x 100 ft. manufacturing flats and showroom, probably steel and brick, concrete foundation. About $75,000. Engineer not selected.

Ont., Walkerville—Fisher Body Co., Edna St., having plans prepared by Smith, Hinchman & Grylls, archts., Washington Arcade, Detroit, Mich., for factory, probably 3 story, steel or rein.-con., rein.-con. flooring, concrete foundation. About $350,000.

Hawaii, Honolulu—Hawaiian Fertilizer Co. having structural plans prepared by T. Ronneberg, engr., Crocker Bldg., San Francisco, Cal., for 3 story, 60 x 130 ft., rein.-con. factory and 1 story, 130 x 180 ft. rein.-con. warehouse, here. Dickey & Wood, Honolulu, archt.

BIDS DESIRED

N. Y., New York—Until Sept. 13, by Ballinger & Perrott, archts. and engrs , 47 West 34th St., for 6 story, 375 x 382 x 316 x 390 ft. rein.-con. and steel factory, rein.-con. flooring, concrete foundation, on 141st St. and Walton Ave., for Port Morris Holding Co., care of Winters & Co., 137th St. and Southern Blvd. About $500,000. Noted Aug. 14.

N. Y., New York—Until Sept. 22 (change of date), by Buchman & Kahn, archts. and engrs., 56 West 45th St., building 6 story, 75 x 200 ft., brick and steel factory addition, rein.-con. flooring, concrete foundation, on Ave. D between 13th and 14th Sts., for Eagle Pencil Co., 703 East 13th St. Noted Aug. 28.

N. Y., New York—Until Sept 20, by R. G. Corey, archt. and engr., 39 Cortlandt St., building 6 story, 75 x 150 ft., brick and steel factory, rein.-con. flooring, concrete foundation, for C. Corey Co., 290 Hudson St. About $200,000. Noted Aug. 28.

O., Cleveland—Christian, Schwartzenberg & Gaede, engrs., 1900 Euclid Ave., receiving bids building 3 story, 100 x 180 ft., rein.-con., steel and brick warehouse, for Brown Fence & Wire Co., 6532 Juniata Ave. About $125,000. Noted Aug. 21.

O., Cleveland—Christian, Schwartzenberg & Gaede, engrs., 1900 Euclid Ave., receiving bids building superstructure for 5 story, 100 x 150 ft., rein.-con., steel and brick factory, on East 30th St. and Superior Ave., for Schwartz, Forney & Hexter Co., West 6th St. and Lakeside Ave. About $250,000. Noted Aug. 14.

O., Cleveland—Christian, Schwartzenberg & Gaede, engrs., 1900 Euclid Ave., receiving bids building 2 story, 57 x 64 ft., rein.-con., steel and brick addition to bakery at 3335 Carnegie Ave., for Martin Baking Co., 3419 Carnegie Ave. About $50,000. Noted Aug. 21.

Ind., Valparaiso—T. L. Condran Co., engr., 53 West Jackson St., Chicago, receiving bids building 3 story, 65 x 260 ft. rein.-con. and brick factory, rein.-con. flooring, for McGill Mfg. Co. About $150,000.

Mich., Detroit—H. S. Angell, archt., Free Press Bldg., receiving bids building 3 story, 26 x 100 ft , brick, stone and steel factory, concrete foundation, for Michigan Cut Flower Exch., Randolph St. and Gratiot Ave. About $40,000.

Mich., Detroit—H. H. Lane, engr., Dime Bank Bldg., receiving bids for 2 story, 60 x 75 ft., rein.-con. and steel bakery, rein.-con. flooring, concrete foundation, on 4th and Labrosse Sts., for Detroit Baking Co., 4th St. and Michigan Ave. About $30,000.

Mich., Jackson—W. W. Bradfield, engr., and H. L. Mead, archt., Grand Rapids, receiving bids building 5 story, 133 x 265 ft., rein.-con. steel and brick factory, wood flooring, concrete foundation, for Michigan Seating Co., East Washington St.

Ill., Chicago—Westerlin & Campbell Co., 26 North Clinton St., receiving bids for 1 and 2 story, 50 x 125 ft. and 75 x 125 ft., brick and concrete factory, concrete foundation, on Seminary and Cornelia Aves. About $50,000. L. Lehle, 38 South Dearborn St., archt.

Minn., Duluth—Until Sept. 15, by R. A. Ostrom, mgr. Duluth Showcase Co., 2800 West Superior St., building 3 story, 75 x 280 ft., concrete, brick and steel factory, rein.-con. flooring, concrete foundation, on 49th Ave., W. About $75,000. A. Puck, Tarrey Bldg., archt. and engr. Noted July 24.

Minn., Minneapolis—Northwestern Catalogue Co., 800 Phoenix Bldg., receiving bids for 4 story, 100 x 100 ft., rein.-con. and brick warehouse. About $100,000. Long, Lamoreaux & Long, 1028 Andrus Bldg., archts. and engrs. Noted Aug. 7.

Okla., Tishomingo—Until Sept. 18, by C. H. Holland, town clk., building electric lighting plant and distribution system, to include power house, two 75 kv.-a. generators direct connected to semi-Diesel oil engines, switchboards, 15,000 lb. copper wire, 400 poles, line material, etc. Johnson & Benham, Firestone Bldg., Kansas City, Mo., engrs.

Colo., Denver—Until Sept. 15, by W. H. J. Edbrooke, archt., Tabor Opera House, building 4 story, 50 x 125 ft. rein.-con., steel and brick publishing house, rein.-con. flooring, concrete foundation, for Denver Post Printing & Publishing Co., 1544 Champa St. About $150,000. Noted Aug. 21.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Vt., Burlington**—Catamount Mfg. Co. let contract constructing 2 story brick and concrete mill building, concrete foundation, to F. T. Ley & Co., Inc., 499 Main St., Springfield, Mass. About $50,000.

★**Mass., Dalton**—H. O. Bates & Son let contract building 1 story, 68 x 125 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on Main St., to H. J. Bridgeman, North St., Pittsfield. About $25,000. Private plans.

★**Mass., Fall River**—New England Oil Refinery Co., Boston, let contract building oil refinery, storehouse, office, wharf and filling station, here, brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, to Aberthaw Constr. Co., School St., Boston. About $300,000.

★**Mass., Framingham**—Dennison Mfg. Co. let contract building 4 story, 75 x 200 ft. concrete factory, rein.-con. flooring, on Howard St., to Aberthaw Constr. Co., School St., Boston. About $300,000.

★**Mass., Holyoke**—Fair Alpaca Co., Jackson St., let contract altering drying room, rein.-con. and brick, to S. M. Green Co., 293 Bridge St., Springfield. About $25,000.

★**Mass., Lowell**—Standard Oil Co., 50 Congress St., let contract building 1 story garage and 1 story warehouse, both rein.-con., rein.-con flooring, concrete foundation, on Main and Canada Sts., to H. D. Best, 949 Bway., New Work City. About $100,000. Noted Feb. 27.

★**Mass., Springfield**—Duckworth Chain & Mfg. Co., 41 Mill St., let contract building 1 story, 92 x 146 ft. brick and concrete addition to factory, rein.-con. flooring, concrete foundation, on Pecousic Ave., to E. F. Carlson & Co., 310 Main St. About $35,000.

★**Mass., Springfield** — Winchester Sq. Realty Co., Winchester Sq., let contract building 1 story, 54 x 143 ft., brick and concrete garage with 42 x 121 ft. ell, rein.-con. flooring, concrete foundation, on Mason St., to L. S. Wood, 19 Stockbridge St. About $35,000. Noted Sept. 4.

★**Mass., Worcester** — Walden-Worcester, Inc., 72 Commercial St., let contract building 4 story, 60 x 333 ft., rein.-con. and brick factory, rein.-con. flooring, concrete foundation, on Shrewsbury St., to W. F. Kearns Co., 240 Albany St., Cambridgeport. About $250,000. Noted June 26.

★**Mass., Worcester** — Worcester Paper Box Co., 68 High St., will build 4 story, 40 x 110 ft., brick, steel and rein.-con. factory, rein.-con. flooring, brick and concrete foundation, on Houchin Ave. About 80,000. Work will be done by day labor.

★**R. I., Auburn** (Providence P. O.)—Genl. Fire Extinguisher Co., West Exchange St., Providence, let contract building 1 story, 55 x 120 ft., brick service station, rein.-con. flooring, concrete foundation, to C. I. Bigney Constr. Co., 898 Westminster St., Providence. About $25,000.

★**R. I., Providence**—J. Lockhart, Hope and 4th Sts., will build 1 story, 50 x 150 ft. and 50 x 50 ft. brick and concrete garage and salesroom, rein.-con. flooring, concrete foundation. About $30,000. Private plans. Work will be done by day labor. Noted June 12.

★**R. I., Westerly**—Bilderbeck & Langdon, engrs., Barrows Bldg., New London, Conn., let contract to R. A. Sherman & Sons Co., 137 Main St., for 1 story, 130 x 300 ft. brick and mill construction factory and 1 story, 30 x 40 ft. brick and concrete power house, rein.-con. flooring, concrete foundation, for New England Silk Co. About $150,000. Noted July 31.

★**R. I., Woonsocket**—French Worsted Co., Hamlet Ave., let contract building 1 and 2 story, 50 x 200 ft., brick and mill construction addition to wool sorting plant, concrete foundation, to Eastern Constr. Co., Winter St. About $50,000. Noted Aug. 21.

★**Conn., Bridgeport** — Connecticut Mills Co., 1188 Main St., let contract building 2 story, 53 x 80 ft. brick and mill construction factory, concrete foundation, on North Washington and Housatonic Aves., to L. H. Cocozza, 1188 Main St. About $25,000.

★**Conn., Bridgeport**—Locke Steel Belt Co., 1085 Connecticut Ave., let contract building 1 story, 70 x 150 ft., concrete warehouse, rein.-con. flooring, concrete foundation, to J. F. Bradley & Son, 85 Gem Ave. About $30,000.

★**Conn., Danbury**—Doran Bros., River St., let contract building 1 story, 90 x 200 ft., brick and steel machine shop, rein.-con. flooring, concrete foundation, on South St., to L. F. Sweeney, 26 Montgomery St. About $55,000. Private plans.

★**Conn., Glenbrook**—C. H. Phillips Chemical Co. let contract building 3 story rein.-con. and brick storage plant, rein.-con. flooring, concrete foundation, to Thompson & Binger Co., 280 Madison Ave., New York City. About $50,000.

★**Conn., New Haven**—Atlantic Refining Co., 508 Turks Head Bldg., Providence, let contract building gas service station, 1 story, 26 x 26 ft., tile and concrete, rein.-con. flooring, concrete foundation, on Dixwell Ave. and Goffe St., to Metzger & Fisher Co., Otis Bldg., Phila. About $25,000.

★**Conn., New Haven**—New England Iron Wks., Inc., 96 Commerce St., let contract building 1 story, 62 x 150 ft. factory and 25 x 35 ft. office, brick, steel and concrete, rein.-con. flooring, concrete foundation, on Dixwell Ave., to J. H. Hogan, 138 Davenport Ave. About $40,000. Noted Aug. 14.

Industrial Works (Continued)

★**Conn., New Haven**—P. Sellers, engr., 207 Orange St., let contract to A. N. Sasso, 185 Church St., building 2 story, 60 x 94 ft. brick and steel factory, rein.-con. flooring, concrete foundation, on Kensington St., for J. G. Missirian, 102 Kensington St. About $30,000. Noted July 3.

★**Conn., West Haven** (New Haven P. O.)—Connecticut Fat Rendering & Fertilizer Co., Front Ave., let contract altering and remodeling plant, brick, steel and concrete, rein.-con. flooring, to Westcott & Mapes, Inc., 207 Orange St., New Haven. About $25,000.

★**N. Y., Brooklyn**—H. A. Beggett, Patchogue, let contract altering 4 story, 50 x 100 ft., brick and steel warehouse and store building, on Fulton St. and Elm Pl., to Leddy-Moore, 105 West 40th St., New York City. About $50,000.

★**N. Y., Brooklyn**—H. Fein, 626 Essex St., will build 1 story, 75 x 175 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on Hillside and Jamaica Aves. About $35,000. Work will be done by day labor.

★**N. Y., Brooklyn**—C. Hutwelker, 655 5th Ave., let contract building 5 story, 63 x 100 ft. brick and steel packing house, rein.-con. flooring, concrete foundation, on Hall St. and Flushing Ave., to Lustbader Constr. Co., 103 Park Ave., New York City. About $100,000. Noted June 12.

★**N. Y., Brooklyn**—Rockwood & Co., 88 Washington Ave., will build 7 story, 50 x 100 ft. rein.-con. and steel garage, rein.-con. flooring, concrete foundation, on Waverly and Park Aves. About $100,000. Work will be done by day labor.

★**N. Y., Long Island City**—White Co., Park Ave. and 57th St., New York City, let contract building 200 x 400 ft. rein-con. service station, to Amer Concrete Steel Co., 27 Clinton St., Newark, N. J. About $400,000. Noted Jan. 9.

★**N. Y., New York**—Butterick Publishing Co., Spring and MacDougal Sts., will build 10 story, 116 x 273 ft. brick; steel and rein.-con. publishing house, rein.-con. flooring, concrete foundation, at 223-253 Spring St. About $1,300,000. Work will be done by day labor under supervision of Ballinger & Perrott, archts. and engrs., 1328 Bway. Noted Sept. 4.

★**N. Y., New York**—C and P Realty Co., 2167 Belmont Ave., will build 1 story, 102 x 136 ft. brick and steel garage, rein.-con. flooring, concrete foundation, on Southern Blvd. and Freeman St. About $35,000. Work will be done by day labor.

★**N. Y., New York**—R. S. Howard Piano Co., 485 East 133rd St., let contract building 3 story rein.-con. and steel factory, rein.-con. flooring, concrete foundation, to Ettinger Constr. Co., 44 Court St., Brooklyn. About $100,000.

★**N. Y., New York**—S. Katz, 1411 Grand Concourse, will build 2 story, 75 x 100 ft., rein.-con., brick and steel garage, rein.-con. flooring, concrete foundation, on 47th St. and 1st Ave. About $35,000. Work will be done by day labor. Noted Sept. 4.

★**N. Y., New York**—M. Welte & Sons, Inc., 667 5th Ave., let contract building 4 story, 90 x 156 ft. brick and steel factory, rein.-con. flooring, concrete foundation, on 133rd St. and Lincoln Ave., to W. T. Murphy, 41 Union Sq. About $70,000.

★**N. Y., Yonkers**—Tidewater Oil Co., 11 Bway., New York City, let contract building 3 story rein.-con. and steel distributing plant, rein.-con. flooring, concrete foundation, to H. D. Best, 949 Bway., New York City. About $75,000.

★**N. J., Camden**—Warren Webster Co., 21 South 12th St., Phila., let contract building 2 story, 56 x 123 ft., brick factory, here, to J. Simms Wilson & Co., 1125 Brown St., Phila.

★**N. J., Jersey City**—Arlington Co., 285 Newark Ave., let contract for masonry, iron and carpentry work for new plant on Sip Ave. and Hudson Blvd., to W. R. Whyte Co., 36 Oakland Ave., $57,632.

★**N. J., Newark**—Atlantic Smelting & Refining Co., Ave. R, let contract building plant, to Linde & Griffith, foot of 4th Ave. About $100,000.

★**N. J., Newark**—Prest-O-Lite Co., 786 Frelinghuysen Ave., let contract for concrete, brick and steel plant, consisting of 8 buildings ranging in size from 30 x 40 ft. to 60 x 400 ft., to J. Mitchell, Inc., 76 Montgomery St., Jersey City.

★**Pa., Hanover**—Sheffard & Myers let contract building 2 story, 60 x 210 ft. concrete and brick storage warehouse, concrete foundation, to O. H. Hostetter, Hanover. About $30,000.

★**Pa., Harrisburg**—Moorehead Knitting Co., Inc., 11th and Walnut Sts., will build 4 story, 50 x 150 ft. and 1 story, 60 x 150 ft. knitting mill, on North Cameron St. About $125,000. Work will be done by day labor.

★**Pa., Mifflinburg**—A. P. Villa & Bro., Inc., 95 Madison Ave., New York City, let contract building 1 and 2 story, 50 x 151 ft. and 45 x 50 ft. factory, slow burning construction, here, to I. O. Fetter, Sunbury. Noted Aug. 7.

★**Pa., Phila.**—Atlantic Motor Truck Co., 1211 Chestnut St., let contract building 4 story, 15 x 130 ft., brick garage and showroom on 24th and Brown Sts., to J. E. Dare, 17th and Chestnut Sts., Harrisburg.

★**Pa., Phila.**—Hale & Kilburn Corp., 18th and Lehigh Sts., let contract building 5 story, 196 x 260 ft., brick, steel and concrete factory on 16th and Glenwood Sts., to H. E. Baton, 1713 Sansom St. About $100,000.

★**Pa., Turbotville**—A. P. Villa & Bros., 95 Madison Ave., New York City, let contract building 1 story, 50 x 168 ft. and 50 x 70 ft. factory here, slow burning construction, to H. A. Moore Co., Bourse Bldg., Phila. Noted Aug. 7.

★**Md., Baltimore**—L. B. Rothschild, archt., 1225 Sansom St., Phila., let contract to West Constr. Co., 907 Amer. Bldg., for service and sales building, 3 story, 40 x 160 ft., steel, stone and brick, rein.-con. flooring, concrete foundation, on North Ave. and Oak St., for Reinhardt Motor Car Co., 128 West North Ave. About $60,000. Noted July 24.

★**Md., Cumberland**—Kelly Springfield Tire Co., Cook St., Akron, O., let contract building rein.-con. plant, concrete foundation, here, to Hunkin-Conkey Co., New Century Bldg., Cleveland. About $2,000,000. Noted Feb. 20.

★**Md., Curtis Bay** (Baltimore P. O.)—U. S. Industrial Alcohol Co. let contract building 1 and 2 story, rein.-con. addition to plant, rein.-con. flooring, concrete foundation, to G. A. Fuller Co., 410 Amer. Bldg., Baltimore. About $300,000.

★**W. Va., Huntington**—Liggett & Myers, 27th St. and Emmons Ave., let contract for 2 story, 80 x 210 ft., rein.-con. and steel factory, rein.-con. flooring, on 1st Ave. and 27th St., to Austin Co., Huntington. About $70,000.

★**N. C., Hillsboro**—Belle Vue Mfg. Co. let contract building 1 story, 100 x 300 ft., brick factory, to I. G. Lawrence, Durham. About $100,000.

★**La., New Orleans**—Dixie Brewing Co., 2401 Tulane St., let contract building 2 story, 60 x 110 ft. brewery, to G. E. and E. E. Reimann & Co., Lopez and Bandin Sts. About $65,000.

★**O., Cleveland**—Colburn Machine Tool Co., 1041 Ivanhoe Rd., let contract building 1 story, 192 x 238 ft., rein.-con., steel and brick factory, to Hunkin-Conkey Co., Century Bldg. About $100,000. Noted Aug. 28.

★**O., Cleveland**—Fulton Fdry. & Machine Co., 1209 Marquette Rd., let contract building 1 story, 100 x 111 ft., rein.-con., steel and brick addition to foundry, on East 75th St. and Morgan Rd., to Bolton & Pratt Co., Columbia Bldg. About $70,000. Noted Aug. 28.

★**O., Cleveland**—J. M. Miller, archt., Guardian Bldg., let contract to Minnick & Gibbons Co., 5309 Prospect Ave., building 2 story, 65 x 100 ft., rein.-con., steel and brick factory, on Prospect Ave., for Auto Equipment Co., Blackstone Bldg. About $60,000. Noted Aug. 28.

★**O., Cleveland**—Pompeian Mfg. Co., 2104 Superior Ave., let contract building 6 story, 75 x 150 ft., rein.-con., steel and brick factory and office, on East 24th St. and Wayne Ave., to W. Dunbar Co., 8201 Cedar Ave. About $250,000. Noted Aug. 28.

★**O., Cleveland**—Republic Stove Co., 1761 East 39th St., let contract building 3 story, 60 x 112 ft., rein.-con., steel and brick factory, to H. K. Ferguson Co., 6523 Euclid Ave. About $50,000. Noted Aug. 28.

★**O., Cleveland**—G. A. Schibble, archt. and engr., Cleveland Heights, let contract to Bolton & Pratt Co., Columbia Bldg., for 6 story, 150 x 200 ft., rein.-con., steel and brick factory, on Ontario St. and Fountain Court, for M. A. Bradley, Marion Bldg. About $100,000. Noted Aug. 28.

★**O., Dayton**—Hubbell & Williamson, 926 Reibold Bldg., let contract building 2 story, 40 x 125 ft., rein.-con. and brick garage and salesroom, rein.-con. flooring, concrete foundation, at 109 South Perry St., to Blanchard Bldg. Co., Chapel Rd. About $30,000.

★**O., Dayton**—Master Tire & Rubber Co., 706 Schwind Bldg., let contract building 6 story, 60 x 200 ft., steel and brick factory, brick foundation, on Leo and Daller Sts., to J. Lowes, Schwind Bldg. About $85,000. Noted June 26.

★**Mich., Manistique**—R. G. Brown, Metropolitan Life Bldg., Minneapolis, Minn., let contract building several paper mills, here, rein.-con. and steel, rein.-con. flooring, concrete foundation, to Siems, Helmers & Schaffer, foot of Market St., St. Paul, Minn. About $250,000.

★**Mich., Pontiac**—Genl. Motors Truck Co. let contract building 3 story, 80 x 300 ft., rein.-con., steel and brick warehouse, rein.-con. flooring, concrete foundation, to W. E. Wood & Co., Ford Bldg., Detroit. About $100,000.

★**Ill., Chicago**—Allbright-Nell Co., 5327 South Western Ave., let contract building 1 story, 140 x 200 ft., rein.-con. and brick addition to factory, concrete foundation, at 5319 South Western Ave., to E. L. Archibald Co., 111 West Washington St. About $75,000.

★**Ill., Chicago**—A. B. Coffin, archt., 39 West Adams St., let contract to C. W. Secord, 437 West 117th St., building 4 story, 90 x 115 ft., rein.-con. and brick factory, rein.-con. flooring, concrete foundation, at 4625 West Van Buren St., for Belden Mfg. Co., 2300 South Western Ave. About $100,000. Noted June 5.

★**Ill., Decatur**—Comet Automobile Co., 156 South Water St., let contract building 1 story, 47 x 72 ft. power house and 100 ft. smoke stack, to L. N. Cope & Son, 116 Merchant St. About $25,000. Noted Feb. 20.

★**Ill., East Woodriver** (Woodriver P. O.)—International Shoe Co., 15th and Washington Aves., St. Louis, let contract building 4 story, 130 x 600 ft. tannery, here, brick, steel and concrete, rein.-con. flooring, rock foundation, to J. Black Masonry & Contg. Co., Wright Bldg., St. Louis About $800,000.

★**Wis., Eau Clair**—Stacy Fruit Co., 317 Eau Claire St., let general contract building 2 story, 60 x 125 ft. warehouse and refrigerating plant, to Hoeppner & Bartlett Co., 414 Grand Ave., E. Total cost, $75,000.

★**Wis., La Crosse**—Matthews Mfg. Co., Citizens Bldg., Cleveland, O., let contract building 1 story, 100 x 330 ft. brick and stone factory, concrete foundation, on South West Ave., here, to E. Wallace, La Crosse. About $50,000.

★**Wis., Milwaukee**—Mansfield Ice Cream Co., 504 4th St., let general contract building 4 story, 50 x 150 ft. plant, to Dahlman Constr. Co., 221 Grand Ave. Total cost, $100,000.

★**Wis., Milwaukee**—Milwaukee Paper Box Co., 400 Florida St., let general contract building 5 story, 120 x 146 ft., rein.-con., brick and steel factory, rein.-con. flooring, concrete foundation, on South Pierce St. and Muskegon Ave., to Dahlman Constr. Co., Majestic Bldg. Total cost, $225,000. Noted May 30.

★**Wis., Racine**—Ajax Rubber Co., Shattley Bldg., let contract building 4 story, 74 x 110 ft. factory on Asylum Ave., to Nelson & Co., Robinson Bldg. About $100,000.

★**Wis., Sparta**—Valecia Milk Co., 235-237 Washington Bldg., will build 2 story, 48 x 100 ft., brick, rein.-con. and steel condensory, rein.-con. flooring, concrete foundation. About $75,000. Work will be done by day labor.

★**Minn., Minneapolis**—Berman Bros., 227 North 1st St., let contract building 4 story, 84 x 105 ft. warehouse, on 9th Ave. and 3d St., to Pike & Cook, 415 South 5th St. About $82,000. Noted Aug. 21.

★**Minn., Minneapolis**—U. S. Cereal Co., 316 Corn Exch., let contract building 6 story, 64 x 108 ft. flour mill, to C. W. Lundquist & Co., 15th Ave., N. E. About $500,000. Noted June 26.

★**Neb., Omaha**—Hayden Bros., 16th and Dodge Sts., let general contract building 3 story, 22 x 133 ft. addition to warehouse, on 10th St. between Douglas and Dodge Sts., to M. P. Deverell, 435 Ry. Exch. Bldg. About $420,000.

★**Mo., St. Louis**—Alligator Oil Clothing Co., 1118 South Grand Ave., let contract to Murch Bros. Constr. Co., Ry. Exchange Bldg., building 2 story, 60 x 80 ft., rein.-con. and brick factory, rein.-con. flooring, rock foundation, on Gravois Rd., also 2 story, 40 x 80 ft., rein.-con. and brick factory, rein.-con. flooring, rock foundation, on Bingham and Gravois Rds. Cost, $100,000 each.

Mo., St. Louis—Champion Shoe Machine Co., 3741 Forest Park Blvd., let contract

Industrial Works (Continued)

building 1 story addition to factory, at 3717 Forest Park Blvd., to J. Lawton, Jr., Overland. About $30,000.

★**Mo., St. Louis**—J. Flammang, 7250 Maryland Ave., let contract building 2 story, 65 x 100 ft. brick and concrete factory, rein.-con. flooring, to Murch Bros. Constr. Co., Ry. Exch. Bldg. About $100,000.

★**Mo., St. Louis**—Liberty System Corp., 2310 Locust St., let contract building 2 story, 65 x 450 ft. brick factory, to L. S. Callen, Clayton. About $145,000.

★**Mo., St. Louis**—St. Louis Basket & Box Co., Penrose and Buschmann Aves., let contract building 2 story, 92 x 235 ft., concrete, brick and steel factory, to Fruin-Colon Constr. Co., Merchants-Laclede Bldg. About $350,000.

★**Mo., St. Louis**—Sara Investment Co., 2611 Washington Ave., let contract building 5 story, concrete and brick factory, at 2625 Washington Ave., to J. Black Contg. Co., Wright Bldg. About $50,000.

★**Tex., Ft. Worth**—Chevrolet Motor Car Co., 1115 Throckmorten St., let contract building addition to plant, to Butcher, Sweeney & Friedman, 2903 West 8th St. About $500,000.

Tex., Ft. Worth—Ok-In Producing & Refining Co., Moore Bldg., will build brick and steel refinery. Work will be done by day labor under supervision of J. S. Blair, ch. engr., and J. T. Thompson, supt. of construction.

★**Tex., Houston**—Houston Lighting & Power Co., Capitol Ave. and San Jacinto St., let contract building extension to boiler house, to Horton & Horton, McKinney and Velasco Sts. About $75,000.

★**Ore., Portland**—Honeyman Hardware Co., 9th and Hoyt Sts., let contract building 1 story, 100 x 100 ft. and 2 story, 100 x 100 ft. addition to hardware houses, brick, to F. H. Miles, 420 Failing Bldg. About $100,000. Noted Sept. 4.

★**Ore., Portland**—Oregon Casket Co., 101 North 5th St., let contract to Dinwiddle Constr. Co., Yeon Bldg., building 2 story factory, brick and concrete, covering 2 blocks on 21st and Raleigh Sts., to include 4 dry kilns, boiler house and shed. First unit to cost $175,000, ultimate cost, $350,000.

★**Cal., Torrance** — Southern California Edison Co., Edison Bldg., Los Angeles, let contract building 3 story, 54 x 142 ft., rein.-con. electrical sub-station, to K. R. Bradley, 1925 East 16th St., Los Angeles. $60,000.

★**Que., Montreal**—Dominion Oil Cloth Co., 1192 St. Catherine St., let contract building 5 story, 42 x 100 ft., concrete, steel and brick warehouse, concrete foundation, on Parthenias St., to Church, Riess & Co., 10 Cathcart St. About $85,000.

★**Ont., Brantford**—Slingsby Mfg. Co., Ltd., 270 Mill St., let contract building 3 story, 60 x 100 ft. and 4 story, 50 x 80 ft., rein.-con. and brick woolen mill and dyehouse, rein.-con. flooring, concrete foundation, to P. H. Secord & Son, 133 Nelson St. About $200,000.

★**Ont., London**—Canadian Oil Co., Ltd., 2 Strachan Ave., Toronto, let contract building 3 story, 40 x 200 ft., brick and timber warehouse and stables, concrete foundation, to R. G. Wilson & Son, 193 College St., Toronto. About $60,000. Noted July 3.

★**Ont., Toronto**—Dale Furniture Co., 308 Yonge St., let contract building 3 story, 50 x 100 ft., rein-con. and brick warehouse, rein.-con. flooring, concrete foundation, to T. E. Essery, Confederation Life Bldg. About $60,000.

Buildings

PROPOSED WORK

Vt., Brattleboro—Theatre and Business—J. B. Manley, 28 High St., plans to build 3 story, 90 x 200 ft., on Main and High Sts. About $150,000. Architect not selected.

R. I., Olneyville (Providence P. O.)—Settlement—Polish Natl. Bldg. Assn. plans to build brick settlement house on Choffee and Appleton Sts. About $50,000. Architect not selected.

R. I., Providence—Bank—Citizens Savings Bank, 846 Westminster St., plans to build bank on Westminster and Cranston Sts. About $150,000. Clarke & Howe, 1208 Turks Head Bldg., archts.

Mass., Amherst — Memorial — Massachusetts Agricultural College having plans prepared by J. Ritchie, archt., 8 Beacon St., Boston, for 2 story, 60 x 100 ft. memorial building on campus here. About $150,000. Noted July 31.

Mass., Brookline—Hotel—D. Fineberg, Boston, having plans prepared by Desmond & Lord, archts., 15 Beacon St., Boston, for 8 story brick, rein.-con. flooring, concrete foundation, on Beacon St., here.

Mass., Easthampton — Memorial — Town plans to erect victory building to include bowling alleys, billiards, basketball floor, gymnasium, reading and clubroms. About $100,000. Architect not selected.

Mass., Longmeadow (Springfield P. O.)—Church—St. Mary's congregation plans to build church on Longmeadow St. About $50,000. Architect not selected.

Mass., Springfield — Home — Salvation Army plans to build new home. About $60,000. Architect not selected. Address W. S. MacHoldt, 48 Bliss St.

★**Mass., Springfield**—Hospital—Hampden Hospital, 700 State St., plans to construct hospital ward building on State St. About $100,000. Architect not selected.

Conn., Ansonia — Armory — State purchased site on State St., here, and plans to build armory. About $150,000. Architect not selected.

Conn., Bridgeport—Church and School—First German-English Evangelical Lutheran Zion congregation, Grand St., having plans prepared by F. H. Beckwith, archt., Post Office Arcade, for altering and building addition to church and school, on Grand and Catherine Sts. About $50,000.

Conn., Bridgeport — Club — University Club, 232 Golden Hill St., plans to build clubhouse on Holden Hill St. About $100,000. Architect not selected.

Conn., Bristol—Club House—B. P. O. Elks, 126 South St., having plans prepared by E. H. Waterbury, archt., 60 Main St., Torrington, for 2 story brick and concrete addition, to include lodge room, social hall, bowling alleys and billiard room. About $50,000,

Conn., Milford — Dormitory—Rosenbaum School, Gulf St., plans to build brick dormitory on Gulf St. and New Haven Ave. About $75,000. Architect not selected.

Conn., New Britain—Church—C. C. Palmer, archt., 272 Main St., receives bids about Sept. 20, building 1 story, 70 x 120 ft. brick and steel, rein.-con. flooring, concrete foundation, on Franklin Sq., for Swedish Bethany congregation, Main and Walnut Sts. About $75,000. Noted June 19.

Conn., New Haven—Theatre—S. Landow & Co., 47 Commerce St., plans to build 55 x 60 x 150 ft. L shaped theatre, on Broadway and York St. About $200,000. Architect not selected.

Conn., New Haven—Y. M. C. A., 152 Temple St., having plans prepared by Murphy & Dana, archts., 311 Madison Ave., New York City, for 1 story brick, steel and concrete building on Chapel and Howe Sts., to include toilets, showers, lockers, gymnasium, etc. About $150,000. Noted May 29.

Conn., South Manchester—Business and Theatre—W. Rubinow, 997 Main St., plans to erect business and theatre building, on Main St. About $150,000. Architect not selected.

Conn., Storrs (Eagleville P. O.)—Dormitory—State Bd. Control, Hartford, plans to build temporary frame dormitory at Connecticut Agricultural College, here, to be used until permanent ones can be erected. About $50,000. Architect not selected.

Conn., Waterbury—Armory—State Legislature, Capitol, Hartford, plans to build armory on Field St., here. About $400,000. Address L. F. Burpee, State Capitol, Hartford. Architect not selected. Noted Apr. 24.

Conn., Waterbury—Bank and Office—Morris Plan Co., 68 Center St., having plans prepared by F. A. Webster, archt., 51 West Main St., for 3 story brick and concrete, rein.-con. flooring, concrete foundation, on Grand St. About $50,000.

Conn., Waterbury—Hospital—St. Mary's Hospital, Franklin St., had plans prepared by L. A. Walsh, archt., 51 Leavenworth St., for 2 story brick and steel addition, rein.-con. flooring, concrete foundation, on Cole St. About $60,000. Noted Feb. 27.

N. Y., Brooklyn—Memorial—Y. M. C. Assn., New York City, soon receives bids building 4 story, 50 x 80 ft. brick, steel and stone, brick foundation, at Erie Basin here. About $55,000. J. F. Jackson, 47 West 34th St., New York City, archt. P. J. Piatti, 47 West 34th St., New York City, engr.

N. Y., Brooklyn—Store and Office—Schulte Realty Co., 386 Bway., New York City, soon lets contract constructing 2 story, brick and steel, brick foundation, on Fulton, Pearl, Willougby and Adams Sts. About $70,000. F. P. Platt & Bros., 1123 Bway., New York City, archts. and engrs.

N. Y., Brooklyn — Theatre — M. Loew Enterprise, 1492 Bway., New York City, plans to build brick, steel and stone, brick foundation, on Bway. and Gates Ave., here. About $300,000. T. W. Lamb, 644 8th Ave., New York City, archt.

N. Y., New York—Dormitories—R. D. Kohn, archt. and engr., 56 West 45th St., soon lets contract altering two 3 story, 50 x 75 ft., and building two 3 story, 27 x 56 ft. and 41 x 152 ft. additions, brick and steel, brick foundation, for United Odd Fellows Home, Havemeyer Ave. About $125,000.

N. Y., New York—Sales and Offices—H. Collins, 9 East 57th St., having plans prepared by Renwick, Aspinwall & Tucker, archts. and engrs., 8 West 40th St., altering 5 story brick and steel building, on Park Ave. and 57th St. About $50,000.

N. Y., New York—School—Bd. Educ., 500 Park Ave., having plans prepared by C. B. J. Snyder, archt. and engr., Muncipal Bldg., for 5 story, 59 x 112 ft., brick and steel, brick foundation, at 201-207 Hester St. About $375,000.

N. Y., New York—Theatre and Office—M. Loew Enterprise, 1492 Bway., having plans prepared by T. W. Lamb, archt., 644 8th Ave., for 16 story, 50 x 120 x 180 ft., brick, steel and stone, concrete foundation, on Bway. and 45th St. About $1,000,000.

N. Y., Syracuse—Stores and Offices—S. F. Hancock, Onondaga Co. Saving Bank Bldg., plans to build 3 or 4 story, 66 x 148 ft., brick and steel, on South Salina St. About $60,000. W. A. Schuyler, 647 South Warren St., agt.

N. J., Hoboken—High School—City having plans prepared for 4 story, on Hudson and 10th Sts. About $250,000. J. Lewis, clk. bd. educ.

N. J. Trenton—Club House—Knights of Columbus, 221 North Warren St., plans to build club house. About $150,000. J. J. Cleary, 510 West State St., chn. J. O. Hunt, 114 North Montgomery St., archt.

Pa., Chester—C. W. Brazer, archt., Crozer Bldg., soon receives bids constructing 3½ story, 60 x 60 ft., brick, stone and terra cotta building on 9th and Welsh St., for Knights of Columbus, care of archt. About $65,000.

Pa., Chester—Theatre and Stores—Nixon & Nirdlinger, 16th and Walnut Sts., Phila., having plans prepared by H. C. Hodgens, archt., 130 South 15th St., Phila., building 1 story, 150 x 180 ft., brick, here. About $100,000.

Pa., Easton—Church and Sunday School—Second Methodist congregation having plans prepared by G. E. Savage, archt., Witherspoon Bldg., Phila., for 2 story, 69 x 115 ft., granite. Cost to exceed $50,000.

Pa., McKeesport—Y. M. C. A. having plans prepared by Jallade & Lindsey, archts., 37 Liberty St., New York City, constructing 4 story, 112 x 170 ft., rein.-con. building, rein.-con. flooring, concrete foundation, on Sinclair and Ringold Sts. About $300,000.

Pa., Phila.—Hospital—St. Luke's Hospital, Wingohocking and Broad Sts., having plans prepared by C. A. Zeigler, archt., 1218 Chestnut St., for 5 story, 40 x 90 ft., brick and stone addition. Cost to exceed $50,000.

Pa., Phila. — Theatre — Felt Bros., 140 South 52nd St., having sketches prepared by H. C. Hodgens, archt., 130 South 15th St., for 1 story, brick, on Market and 52nd Sts. Cost to exceed $50,000.

Pa., Williamsport—Bd. Dirs. Y. M. C. A. plans to construct 4 story, 170 x 200 ft., steel, rein.-con. and brick building on West 4th, Elmira and Neece Sts. About $100,000. J. B. Graham, pres. Architect not selected.

Md., Baltimore — Bank — Natl. Exch. Bank, Baltimore and Liberty Sts., having plans prepared by J. E. Spery, archt., 409 Calvert Bldg., remodeling and building 2 story, 40 x 80 x 80 ft., tile and marble addition. About $100,000.

Md., Baltimore — Store — Bernheimer Bros., 302-6 West Fayette St., plans to build 12 story, 40 x 70 ft., concrete and brick addition, concrete foundation. About $75,000. Architect to be announced later.

Md., Curtis Bay (Baltimore P. O.)—Bank—Industrial Bank of Baltimore, Munsey Bldg., Baltimore, and others, plan to build bank opposite Curtis Bay Hotel, here. About $50,000. J. H. Preston, pres.

W. Va., Romney—Dormitory—State Bd. Control, Charleston, having plans prepared by J. R. Warne, archt., Masonic Temple Bldg., Charleston, for 2 story, brick dormitory, at State School for Deaf and Blind, here. About $75,000.

Buildings (Continued)

O., Chillicothe—Office—T. E. Franklin plans to build 3 story, 45 x 62 ft., fireproof. About $55,000. C. L. Inschho, Brunson Bldg., Columbus, archt.

O., Cleveland—Chapel — Schauffler Missionary Training School, 5111 Fowler Ave., having plans prepared by C. W. Hopkinson, archt., 900 Rose Bldg., for 1 story, 41 x 105 ft., rein.-con., steel and brick, on Bway. Ave. About $60,000. Noted Sept. 4.

O., Cleveland—Hospital—St. Luke's Hospital, 6606 Carneigie Ave., plans to build 6 story, 160 x 200 ft., rein.-con., steel and brick, on Baldwin and Fairmount Rds. About $800,000. Architect not selected.

O., Cleveland—Office—C. W. Hopkinson, archt., 900 Rose Bldg., preparing plans and soon receives bids building 3 story, 70 x 135 ft., rein.-con., steel and brick addition, for H. P. McIntosh, Euclid Ave. About $150,000. Noted Sept. 4.

O., Columbus—Salesroom—See "Industrial Works."

O., Dayton—Theatre—J. Siefert plans to extend and remodel Majestic Theatre, 2 story, on South Jefferson St. About $60,000. Architect not selected.

O., Fairfield—School—City plans election in November to vote on $100,000 bonds to build 3 story, rein.-con. and brick, concrete foundation.

Mich., Bay City—High School—Bd. Educ. having plans prepared by Pratt, Bickel & Campbell, archts., 514 Crapo Blk., and Perkins, Fellows & Hamilton, 814 Tower Court, Chicago, archts., for 3 story, rein.-con., steel, brick and stone, rein.-con. flooring, concrete foundation, on Columbus Ave. About $1,000,000.

Mich., Grand Rapids—Hospital—Grand Rapids Tuberculosis Hospital having plans prepared by Robinson & Campbell, archts., Grand Rapids, for hospital group, consisting of 4 story, 50 x 170 ft. main building and 2 story, 50 x 100 ft. home for nurses, rein.-con., steel and brick, concrete foundation. About $400,000.

Mich., Oakwood—(Oxford P. O.)—School—Bd. Educ. rejected bids received Aug. 15, building 2 story, rein.-con., brick and steel. Work will be readvertised. About $230,000. Van Leyen, Schilling & Keough, Union Trust Bldg., Detroit, archts. Noted Aug. 7.

Ill., Alton—Courthouse, etc.—Bd. Pub. Serv. soon receives bids for brick and concrete courthouse and city hall building. About $588,000. Architect not selected.

Ill., Alton—Theatre and Hotel—Dickens Hotel & Bldg. Corp. plans to build 14 story brick, concrete and steel, rein.-con. flooring, rock foundation, on Main and High Sts. About $200,000. H. B. Wangelin, pres. Architect not selected.

Ill., Chicago—Theatre—Balaban & Katz, 3535 West 12th St., having preliminary plans prepared by C. W. and G. L. Rapp, archts., 190 North State St., for 2 story, 160 x 170 ft., rein.-con. and steel, rein.-con. flooring, concrete foundation, on State and Lake Sts. About $1,500,000.

Ill., East St. Louis—Memorial—Soldiers, Sailors and Marines Memorial Assn. having plans prepared for memorial building. About $100,000. Address L. Browning, secy.

Wis., Ashland — Bank — Ashland Natl. Bank plans to remodel 3 story, 50 x 140 ft., brick and stone. About $60,000.

Wis., Fond du Lac—Club and Stores—Loyal Order of Moose having plans prepared by B. F. Mehner, archt., 6 East Division St., for 3 story, 80 x 102 ft., brick and stone. About $50,000. Noted June 12.

Wis., Lancaster—School—Bd. Educ. plans to build 2 story school. About $175,000. Architect not selected.

Wis., Manitowoc—Hospital—City plans to build 3 or 5 story, 60 x 180 ft., brick, rein.-con., tile and steel, brick foundation. About $60,000. Architect not selected.

Wis., Milwaukee—Hotel—J. G. La Vies, archt., 714 Merrill Bldg., preparing plans for 4 story, 80 x 150 ft., brick and concrete. About $200,000. Owner's name withheld.

Wis., Milwaukee — Office—Standard Oil Co., Brumder Bldg., having plans prepared by A. D. Koch, archt., 1045 Wells Bldg., building 4 story, 75 x 150 ft. steel and brick. About $300,000.

Wis., Milwaukee — School, Dormitory—Big Sisters Home, c/o J. G. La Vies, archt., 714 Merrill Bldg., having plans prepared for 3 story, 50 x 100 ft., rein.-con. and brick. About $80,000.

Wis., Shawano—Hospital—Shawano Hospital having sketches made by E. M. Koben, archt. Citizens' Bank Bldg., for 2 and 3 story, 80 x 153 ft., rein.-con., brick and tile. About $100,000.

Wis., Sheboygan—Store and Office—A. Imig, North 8th St., plans to build 3 story, 60 x 90 ft., brick, rein.-con. and steel, brick foundation. Cost between $50,000 and $60,000. Architect not selected.

Wis., Union Grove — Institution—State Bd. Control, Capitol Bldg., Madison, having preliminary plans prepared by A. Peabody, Capitol Bldg., Madison, constructing brick and concrete institution buildings, here. About $644,000. M. J. Tappins, secy.

Wis., Waupun—Hospital—State Bd. Control, Capitol Bldg., Madison, having plans prepared by A. Peabody, state archt., for addition to state hospital, here. About $100,000. M. J. Toppins, secy.

Wis., Waupun—Prison—State Bd. Control, Madison, having plans prepared by A. Peabody, archt., Capitol Bldg., Madison, remodelling and building 2 story, brick and concrete addition to prison here. About $80,000. M. J. Toppins, secy.

Ia., Marshaltown—City Hall—City election Sept. 15, to vote on $50,000 bonds to build new city hall. O. A. Rosengren, city clk.

Minn., Nopeming — Infirmary — A. L. Laird, secy. St. Louis Co. Tuberculosis Comn., rejected bids building 4 story, 45 x 350 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation. About $240,000. Holstead & Sullivan, Palladio Bldg., Duluth, archts. and engrs. Noted July 24.

Minn., Thief River Falls—Bank and Stores—First and Peoples State Bank rejected bids received Aug. 23, building 2 story bank and 1 story store, rein.con. and brick. About $52,000. Sund & Dunham, Esssex Bldg., Minneapolis, archts. Work indefinitely postponed. Noted Aug. 14.

Kan., Eldorado—Memorial—City c/o L. E. Foley, city clk., rejected bids building 2 story, 75 x 135 ft. rein.-con., steel and brick, rein.-con. flooring, rock foundation. About $100,000. G. P. Washburn & Sons, Ottawa, archts. Noted Aug. 7.

Kan., Haven—School—Bd. Educ. having plans prepared by Mann & Gerow, archts., Hutchinson, building 2 story, concrete, steel and brick, rock foundation. About $60,000. Noted Aug. 21.

Kan., Norwich—School—Bd. Educ. having plans prepared by Mann & Gerow, archts., Hutchinson, for 2 story, rein.-con. steel and brick, concrete foundation. About $60,000.

Kan., Ottawa—Auditorium—City rejected bids building 2 story, 75 x 130 ft. rein.-con., steel and brick, rein-con. flooring, rock and concrete foundation. About $90,000. G. P. Washburn & Sons, Ottawa, archts. Noted Aug. 7.

Neb., Omaha—Stores and Office—G. W. Smith, Warrenton Park, Glen Cove, Me., plans to build 10 story, 66 x 132 ft., rein.-con. and pressed brick, on 10th and Harney Sts., here. About $250,000. H. M. Christie, 1320 Farnam St., local representative. Architect and engineer not selected.

S. D., Rapid City—Court House—Pennington Co. plans election soon to vote on $1,000,000 bonds to build court house.

Mo., St. Louis—Assembly Hall and Auditorium—Assembly Hall Co. having plans prepared building 2 story, brick, concrete and timber, to include stores and cafe, on Market St. About $200,000. Address R. D. Barrett, c/o Water License Division, City Hall, or W. H. King, c/o company.

Mo., St. Louis—Cathedral—W. B. Ittner, archt., Bd. Educ. Bldg., soon receives bids building 80 x 200 ft., rein.-con., stone, terra cotta, steel and brick, marble flooring, rock foundation, on Lindell Blvd., for Scottish Rite Assn., LaSalle Bldg. About $1,500,000. Noted July 10.

Mo., St. Louis—Hotel—C. H. Mills, archts., Chemical Bldg., soon receives bids building 12 story, 300 x 350 ft. brick, concrete and steel, marble and tile flooring, rock foundation on 18th and Locust Sts., for C. F. Levy, 4721 Westminster Pl. About $1,000,000.

Mo., St. Louis—Mercantile and Store—Olive Realty Co., 4166 Olive St. plans to build 2 story. About $50,000. Architect not selected.

Mo., St. Louis—School—St. Louis Anti-Tuberculosis Society, 9500 South Bway., has acquired site and plans to build school. About $50,000. Architect not selected.

Mo., St. Louis—School—J. J. Glennon, archbishop of St. Louis, plans to build parochial school on Belt and Maffitt Aves. About $50,000. J. S. Lee, 915 Olive St., engr.

Tex., Dallas—High School—School Bd. plans to build high school. About $100,000.

Tex., Dallas—Theatre—S. A. Lynch plans to build theatre on Elm and Akard Sts. About $500,000.

Tex., El Paso—Library, Schools, etc—City election Oct. 4 to vote on $895,000 bonds; $220,000 to be used to build schools, and $25,000 for library, etc. J. N. Gladding, city engr. Noted Aug. 14.

Tex., Junction City—Bank and Office—Junction State Bank having plans prepared by Adams & Adams, archts., Gibbs Bldg., San Antonio, building 2 story, 68 x 110 ft. W. P. Riley, pres.

Tex., Ranger—Business—Neal & Hodges plan to build 3 story, on Main St. About $175,000.

Okla., Muskogee — High School — City plans election to vote on $230,000 bonds to build high school, on Main St. Architect and engineer not selected.

Okla., Muskogee—Temple—Masonic Assn. plans to build masonic temple on Main St. About $200,000. Architect and engineer not selected.

Okla., Oklahoma — Hospital — Salvation Army plans to build 3 story, 80 x 130 ft., maternity hospital. About $75,000. Architect and engineer not selected.

Okla., Poteau—High School—City plans election to vote on $61,000 bonds to build high school. Architect and engineer not selected.

Okla., Tulsa—Armory—City has launched campaign to raise $150,000 to build 1 story, armory on Cincinnati St. between 4th and 5th Sts., for National Guard. F. W. Bryant, Central Natl. Bank, chn. of com.

Utah, Fillmore — Court House—Millard Co. election Sept. 23 to vote on $50,000 bonds to build court house.

Utah, Salt Lake City—Hospital—Mormon Church having plans prepared by Cannon & Fetzer, archts. and engrs., Templeton Bldg., for 6 story, 45 x 120 ft. hospital on 8th Ave. About $200,000.

Ariz., Chandler — High School—School Trustees soon receive bids building 2 story, brick, concrete foundation, to include administration, commercial, science and domestic science departments. About $125,000. Allison & Allison, Hibernian Bldg., Los Angeles, Cal., archts. Noted May 1.

Wash., Seattle — Hotel — Bowman Co., Biltmore Hotel, Madison Ave. and 43d St., New York City, plans to build steel, brick and stone, brick foundation, here. About $6,000,000. Warren & Wetmore, 16 East 47th St., New York City, archts. and engrs.

Wash., Seattle—Store—J. S. Graham & Co., 2nd and Spring Sts., having plans prepared by A. E. Doyle, Worcester Bldg., Portland, and A. Merriam, Seattle, archts., for 4 story, concrete, steel and terra cotta, concrete foundation. About $250,000. Noted May 29.

Wash., Seattle—Theatre—H. W. Bruen, c/o Majestic Theatre, 2044 Market St., plans to build 1 story, 60 x 103 ft., steel and brick, rein.-con. flooring, on University Ave. About $55,000. E. W. Houghton, Library Exch. Bldg., archt.

Wash., Tacoma—Theatre—R. R. Pratsch, 5830 South Lawrence St., having plans prepared by Lindberg & Mahon, archts., Provident Bldg., for 1 story, concrete and brick, concrete foundation. About $50,000.

Ore., Portland—Home—Waverly Baby Home plans to build 2 story brick home, to include dormitory, glass inclosed sun porches, pavilion, reinforced record vault, detention wards, etc. About $70,000. F. S. Akin, Bway. Bldg., secy. Private plans.

Ore., Portland—Hospital—Emanuel Hospital, Commercial Ave., plans to build new 3 or 4 story brick hospital on Commercial Ave. between Graham and Stanton Sts., brick and concrete foundation. About $1,000,000. A. M. Green, 200 Graham St., supt. Architect not selected.

Cal., Long Beach—City Hall—City voted $400,000 bonds to build city hall. Architect not selected.

Cal., Long Beach—Austin & Mayberry, archts., 468 Pacific Electric Bldg., Los Angeles, receives bids about November constructing 3 story, 90 x 150 ft. brick building, concrete foundation on American Ave., here, for Y. M. C. A. About $150,000. Noted June 12.

Buildings (Continued)

Cal., Long Beach—Schools—City plans election to vote on $150,000 bonds to build addition to high school and $340,000 bonds to build two 10 room grade schools and 8 room additions to 2 grade schools, etc. G. W. Scott, secy. Architect not selected.

Cal., Norwalk—Hospital—State Bd. Control, Sacramento, having plans prepared for improvements at State Hospital, here, as follows: cottages for patients, $150,000, officers' quarters and dining room, $45,000, steel water tower and tank, $20,000. W. F. McClure, state engr. Noted May 8.

Cal., Oakland — Memorial — A. Davie, mayor, appointed War Memorial Com., and plans to build memorial building near Lake Merritt, for soldiers and sailors. Cost between $300,000 and $350,000.

Cal., Oakland—Welfare and Administration—See "Industrial Works."

Cal., Richmond—Bank—Mechanics Bank of Richmond plans to build 1 story, 45 x 80 ft. About $60,000. A. Downer, pres.

Cal., Santa Rosa—Bank and Store—Santa Rosa Savings Bank having plans prepared by Reed & Corlett, archts., Bank of Savings Bldg., Oakand, for 1 story rein.-con. and terra cotta. About $75,000.

Cal., Ventura—School—State Bd. Control, Sacramento, having plans prepared for improvements to California School for Girls, here, as follows: cottages, $110,000, farm buildings, $5000 and ground improvements, $5000. W. F. McClure, state engr. Noted May 8.

Cal., Whittier—School—State Bd. Control, Sacramento, having plans prepared for improvements to State School for Boys, here, as follows: buildings, $64,000, repairs and equipment, $28,500. W. F. McClure, state engr. Noted May 8

Que., Montreal — Theatre — Phillips Sq. Theatre Co., Ltd., plans to build 50 x 105 ft., rein.-con. and brick, rein.-con. flooring, concrete foundation, on Phillips Sq. About $300,000. Architect not selected.

Ont., Oshawa—School—Bd. Educ. having plans prepared by S. B. Coon & Son, archts., 36 Toronto St., Toronto, for 2 story, steel and brick addition, concrete foundation. About $60,000.

Ont., Toronto — Office — See "Industrial Works."

Ont., Toronto—Office—Imperial Bank of Canada, 32 Wellington St., E., having plans prepared by Darling & Pearson, archts., 2 Leader Lane, for 28 story, 40 x 110 ft., steel and brick, tile flooring, rock and concrete foundation, on King and Yonge Sts. About $2,000,000. Noted June 19.

Ont., Toronto — Restaurant—Fairweathers, Ltd., Yonge St., having plans prepared by Denison & Stephenson, archts. and engrs., Confederation Life Bldg., altering present 3 story, 80 x 150 ft. store building and converting same into restaurant. About $150,000.

Ont., Toronto—Show Room—See "Industrial Works".

Ont., Toronto—Theatre and Office—J. and J. Allen plan to build 7 story, brick and limestone, brick foundation. About $1,000,000. C. H. Crane, Toronto, archt. and engr.

Ont., Windsor—Bank and Office—Imperial Bank of Canada, 32 Wellington St. E., Toronto, having plans perpared by C. S. Cobb, archt., 71 Bay St., Toronto, building 3 story, 50 x 80 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation, here. About $75,000. Noted May 1.

Sask., Moose Jaw—Hospital—City Council having plans prepared for 4 story, 80 x 162 ft., concrete, steel and brick, concrete foundation, on Main St. About $110,000.

Alta., Cardston—Hospital—Town voted $75,000 by-law to build memorial hospital, 4 story, 75 x 100 ft., steel and brick, concrete foundation, on King St. Architect not selected.

BIDS DESIRED

N. Y., Brooklyn—Hospital—Until Sept. 25, by Cohn Bros., archts. and engrs., 361 Stone Ave., building 2 story, 50 x 60 ft. brick, steel and stone, brick foundation, on Howard and Dumont Aves., for Maternity Hospital Society, 1666 Pitkin Ave. About $65,000. Noted May 8.

Pa., New Brighton—School—Bd. Educ. receiving bids building 2 story, 82 x 98 ft. and 3 story, 91 x 135 ft., rein.-con., steel and brick high school, rein.-con. flooring, brick, rock or concrete foundation, on Pierce and East 4th Sts., to include gymnasium and auditorium. W. G. Eckles, Lawrence Savings & Trust Bldg., New Castle, archt.

Pa., Norristown — Hospital—Until Sept. 17, by H. G. McMurtrie, archt., 1012 Walnut St., Phila., building 3 story, 45 x 60 ft brick annex to State Hospital for Insane, here.

Pa., Phila.—Bank—W. C. Furber, archt., 418 Walnut St., receiving bids building 6 story, 16 x 80 x 33 x 100 ft. addition to bank for Central Trust Co., 4th and Market Sts., steel, stone and terra cotta. About $50,000. Noted Aug. 14.

Pa., Phila.—Stations—Until Sept. 16, by Dept. City Transit, 1211 Chestnut St., building stations of brick, steel and rein.-con. for Frankfort Elevated Railway at southeast corner of Kensington Ave. and Tioga St., and at northwest corner of Tioga and K Sts., including removal of existing building at northwest corner of Tioga and K Sts., Contr. No. 556; building brick, steel and rein.-con. at southeast corner Kensington Ave. and Huntingdon St. and at corner of Kensington Ave. and B St., including removal of existing buildings, Contr. No. 558. G. T. Atkinson, asst. dir.

Mich., Adrian—School—Until Sept. 20, by P. Dederichs, archt., 501 Chamber of Commerce Bldg., for 3 story, 69 x 136 ft. brick, stone and frame, concrete foundation, for St. Josephs Academy.

Mich., St. Louis—School—Until Sept. 15, by M. E. Hull, secy. bd. educ., building 2 story, 80 x 107 ft. brick, stone and steel addition, concrete foundation. About $50,000. Cowles & Mutscheller, Chase Bldg., Saginaw, archts. Noted Aug. 28.

Ill., Rochelle—Temple—E. F. Roberts, archt., 105 North Clark St., Chicago, receiving bids for 2 story, 45 x 90 ft. brick and timber, concrete foundation, for Rochelle Masonic Temple Assn., c/o architects. About $50,000.

Wis., Timothy—School—Until Sept. 15, by Joint Dist. No. 5, building 2 story, 60 x 125 ft., rein.-con. and brick, rein.-con. flooring, brick foundation, on Main St. About $50,000. W. J. Raeuber, Teitgen Bldg., 8th and Jay Sts., Manitowoc, archt.

Ia., Mt. Pleasant—High School—Until Oct. 1, by C. Van Russell, secy. bd. educ., for remodeling Y. M. C. A. building into high school, brick and terra cotta. About $80,000. G. L. Lockhart, 391 Endicott Bldg., St. Paul, Minn., archt.

Minn., Biwabik—High School—Until Sept. 30, by L. R. Christensen, secy. bd. educ., building 2 story, 100 x 100 ft., rein.-con., brick and steel addition, rein.-con. flooring, concrete foundation, on Main St. About $100,000. C. C. Nystram, Palladio Bldg., Duluth, archt. and engr.

Minn., Bronson—School—Sund & Dunham, archts., Essex Bldg., Minneapolis, receiving bids for 2 story, 57 x 80 ft., rein.-con. and brick, for Bd. Educ. About $50,000.

Minn., Owatonna—Grade School—Bd. Educ., receiving bids for 2 story, 38 x 94 ft., rein.-con. and steel. About $60,000. Jacobson & Tustison, Auditorium Bldg., Minneapolis, archts.

Minn., Rochester—Clinic—Until Sept. 20, by A. C. Fawcett, building 5 story, 46 x 142 ft., dental clinic, rein.-con. and brick. About $300,000. F. M. Mann, Metropolitan Life Bldg., Minneapolis, archt. Noted July 24.

Kan., Eldorado—High School—Until Sept. 22, by School Bd., building 2 story, 100 x 170 ft. rein.-con., steel and brick, rein.-con. flooring, rock and concrete foundation. About $175,000. W. H. Simon, Eldorado, archt.

Neb., Omaha—Hospital—Until Sept. 20 (change of date), by J. Latenser & Sons, archts., 632 Bee Bldg., building 6 story, 106 x 120 ft., rein.-con., brick and terra cotta trimmings, on 26th St. and Dewey Ave., for E. C. Henry, c/o Lister Hospital, 14th St. and Capitol Ave. About $300,000. Noted July 10.

S. D., Winner—School—Until Nov. 23, by C. H. Virning, pastor, Immaculate Conception congregation, building 2 story, 60 x 60 ft. brick and stone. About $51,000. G. Isenhuth, Sauer Blk., Huron, archt.

Mont., Butte—Metallurgical—Until Sept. 20, by State Bd. of Examiners, Helena, constructing 2 story, 75 x 125 ft. building. About $200,000. F. Hamill, 409 Lewisohn Bldg., archt.

Mo., Fulton—Dormitory—Until Oct. 1, by M. F. Pell, associated archt., Fulton, building 3 story, brick, for W. Wood College. About $75,000. Holmes & Flinn, 5 Dearborn St., Chicago, Ill., archts.

Mo., St. Louis—Mercantile—Until Sept. 15, by P. J. Bradshaw, archt., International Life Bldg., building 7 story, 90 x 150 brick and concrete, rock foundation, for Blackwell-Wielandy Stationery Co., 16th and Locust Sts. About $350,000.

Colo., Arvada—High School—Until Sept. 20, by H. W. J. Edbrooke, archt., Tabor Opera Bldg., Denver, building 2 story, 60 x 125 ft., rein.-con., steel and brick, rein.-con. flooring, concrete foundation. About $70,000. Noted Aug. 14.

Utah, Salt Lake City—School—Until Sept. 15, by Bd. Educ. building addition to Irving School. About $60,000. F. D. Rutherford, Vermont Bldg., archt. and engr.

Utah, Salt Lake City—Schools—Until Sept. 20, by Bd. Educ. building addition to Hamilton School, cost $60,000, and addition to Jackson School, $80,000. Ware & Treganza, Utah Saving & Trust Bldg., engrs. and archts.

Utah, Salt Lake City—School—Until Sept. 20, by Bd. Educ., building Grant School. About $80,000. Pope & Burton, New House Bldg., archts. and engrs.

Utah, Salt Lake City—School—Until Sept. 30, by Bd. Educ., building South Junior High School, 2 story, 66 x 20 ft. with 35 x 75 ft. wing, rein.-con. and brick, cost $175,000, also Jordan Junior High School, on Ontario and 6th Sts., W., 2 story, 66 x 135 ft., rein.-con. and brick, $100,000. Scott & Welch, Dooley Bldg., engrs. and archts.

Cal., San Francisco—Civic Centre—Until Sept. 22, by W. F. McClure, state engr., Forum Bldg., Sacramento, for (a) complete granite work and setting of same, (b) complete concrete work, brick work and ornamental terra cotta and rough carpentry work, (c) complete excav. work, (d) furnishing all materials and labor and doing work required for complete fabrication and delivery and erection of structural steel and iron work for Civic Centre building. Separate bids will be received on each section. About $1,000,000. Noted Aug. 21.

Ont., Toronto—Anatomy—Until Sept. 22, by Darling & Pearson, archts., 2 Leader Lane, for 2 story, 80 x 150 ft., concrete, steel, brick and stone, tile flooring, concrete foundation, at Queens Park, for University of Toronto. About $200,000.

Ont., Toronto—School—Until Sept. 17, by W. C. Wilkinson, 155 College St., building 2 story, concrete, steel and brick addition to school on Raleigh Ave., concrete foundation, for Bd. Educ. About $80,000. Page & Warrington, 199 Yonge St., archts.

Ont., Toronto—Store—Until Sept. 22, by W. Steele & Sons, archts. and engrs., Ryrie Bldg., building 7 story, 60 x 215 ft., rein.-con., steel and brick, rein.-con. and tile flooring, concrete foundation, on Yonge St., for Adams Furniture Co., 26 Queen St., E. About $250,000. Noted July 17.

Man., Selkirk—College—Until Sept. 24, by Secretary Bd. School Trustees, building 3 story, 50 x 70 ft., steel and brick, concrete foundation, on Church St. About $62,000. Architect not selected.

Sask., Yorkton—Hospital—Until Sept. 19, by Mayor, building 3 story, 50 x 54 ft. brick, concrete foundation, on John St. About $60,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★Mass., Boston — Office — Henderson & Ross, 148 State St., let contract building 11 story, rein.-con. and steel, rein.-con. and limestone flooring, concrete foundation, at Post Office Sq., to J. J. Prindeville, Framingham. About $750,000.

★Mass., Boston—Office—E. L. Snider, 18 Tremont St., will build 6 story, 100 x 150 ft., rein.-con. and brick, office and garage, rein.-con. flooring tiles and concrete foundation, on Chardon St. About $200,000. Work will be done by day labor.

★Mass., Fall River—Office—See "Industrial Works."

Mass., Worcester — Hospital — City received bids Aug. 30, building 2 story, 33 x 149 ft., brick, concrete foundation, on Belmont St., from J. J. Roberts, 4 Wall St., $106,343; G. W. Carr Co., 518 Main St., $110,670; L. Rocheford & Son, 44 Front St., $112,000. Noted Aug. 14.

★Conn., Groton—School—Town let contract building 1 story, 65 x 100 ft. brick school, wood flooring, concrete foundation, to H. Wales Lines Co., 134 State St., Meriden. About $50,000. Noted July 24.

★Conn., Hartford — Church—F. W. Parsons, archt., 1133 Bway., New York City, let contract to R. F. Jones, 36 Pearl St., building 2 story brick church, concrete foundation, on Albany Ave., to include auditorium, gymnasium, bowling alleys, swimming pool, etc., for North Methodist congregation, Albany Ave. and Woodland St. About $65,000. Noted June 19.

Buildings (Continued)

★**Conn., Hartford**—Hotel—N. Carabillo, 5 Edwards St., will build 5 story, 120 x 130 ft., brick, concrete and steel, rein.-con. flooring, concrete foundation, to include restaurant, dance hall, etc., on Jewell Ct. About $225,000. Work will be done by day labor. Noted Aug. 14.

★**Conn., Litchfield** — Church—Rossiter & Muller, archts., 15 West 38th St., New York City, let contract to H. Wales Lines Co., 134 State St., Meriden, for 1 story stone and terra cotta, concrete foundation, on Main St., for St. Michael's Protestant Episcopal congregation. About $100,000. Noted Aug. 21.

★**Conn., Manchester**—Business—House & Hale, 955 Main St., let contract building 2 story, 34 x 108 ft., brick and steel addition, concrete foundation, on Main St., to Ellison Constr. Co., 60 Prospect St., Hartford. About $50,000.

★**Conn., New Haven**—Business—W. L. Lines, 840 Elm St., let contract building 3 story, 30 x 134 ft. brick and steel, concrete foundation, on Church St., to Bussey-Kusterer Co., 116 Church St. About $50,000.

★**Conn., South Manchester**—Business—C. E. House & Sons, 955 Main St., let contract building 2 story, 34 x 108 ft., brick and steel addition, rein.-con. flooring, concrete foundation, on Main St., to Ellison Constr. Co., 96 Wellington Ave., Hartford. About $50,000.

★**N. Y., Brooklyn**—Bank—Greater New York Savings Bank, 5th Ave. and 12th St., let contract building 2 story, 60 x 100 ft. brick, steel and stone, brick foundation, on 5th Ave. and 9th St., to Caye Constr. Co., 299 Bway., New York City. Noted Aug. 21.

★**N. Y., Brooklyn**—Exchange—New York Telephone Co., 15 Dey St., New York City, let contract building 4 story, 60 x 120 ft., brick and limestone, brick foundation, on Liberty Ave. and Milford Pl., to Gillies-Campbell, 101 Park Ave., New York City. About $200,000.

★**N. Y., Brooklyn**—Store—See "Industrial Works."

★**N. Y., Brooklyn**—Theatre—Avondale Bldg. Corp., c/o Shampan & Shampan, archts., 50 Court St., will build 90 x 210 ft. brick and steel, brick foundation, (2500 seating capacity), on Kings Highway, Coney Island Ave. and East 12th St. About $250,000. Work will be done by day labor. Noted June 5.

★**N. Y., Corona** — Theatre — Sheer's Amusement Co. will build 1 story brick and terra cotta, brick foundation, on Continental and Queens Blvds. About $100,000. Work will be done by day labor.

★**N. Y., S. I., Dongan Hills**—School—C. B. J. Snyder, supt. school bldgs., Municipal Bldg., New York City, let contract to J. MacArthur, 120 Bway., New York City, building P. S. No. 11, on Jefferson Ave., between Garretson and Cromwell Aves., Richmond Boro., for Bd. Educ., $179,424. Noted Sept. 4.

★**N. Y., New Rochelle**—Studio—D. W. Griffith, 1476 Bway., New York City, will build 1 story, 150 x 200 ft., rein.-con. and steel, rein.-con. flooring, concrete foundation, here. About $500,000. Work will be done by day labor under supervision of R. B. Smith, archt. and engr., 50 East 42nd St., New York City.

★**N. Y., New York**—Office—Lords Court Bldg. Co., Exch. Pl. and William St., let contract altering 19 story brick and steel, to J. O. Whitenack, 231 West 18th St. About $60,000.

★**N. Y., New York**—Stores—Gaines & Roberts, Morris Ave. and Fordham Rd., will build 1 story, 85 x 95 ft. and 45 x 95 ft. brick, brick foundation. About $50,000. Work will be done by day labor.

★**N. Y., New York**—Store and Loft—A. Levingson, archt. and engr., 405 Lexington Ave., let contract to Smith & Stone Contg. Co., 25 West 42nd St., for 3 story, 60 x 100 ft., brick and steel, brick foundation, at 42-46 West 33rd St., for St. Regis Lunch Co., c/o architect. About $80,000. Noted July 31.

★**N. J., Convent**—Club—Morris Co. Golf Club let contract building 3 story, brick, steel and stone, brick foundation, to Hegeman-Harris Co., 33 West 42nd St., New York City. About $75,000.

★**N. J., Newark**—Exchange—New York Telephone Co., 15 Dey St., New York City, let contract building 3 story, 100 x 200 ft., on South Orange and Morris Aves., to Union Bldg. Co., Union Bldg About $100,000.

★**N. J., New Brunswick**—Theatre—Hyjel Co., 40 Paterson St., let contract building 2 story, 150 x 150 ft., brick, limestone and terra cotta, brick foundation, to Fleischmann Constr. Co., 531 7th Ave., New York City. About $250,000.

★**Pa., New Boston**—School—Bd. Educ. let contract building 2 story, 60 x 94 ft., brick, to A. Dreslin, Summit Hill. About $50,000.

★**Pa., Williamsport**—Schools—Bd. Educ. let contract building Curtin School, 3 story, 100 x 120 ft., concrete, brick, steel and stone, at Brandon Park, to Shamokin Lumber & Contg. Co., Shamokin, $189,271; 3 story, 100 x 120 ft., concrete, brick, steel and stone, on Wayne Ave. and Newberry St., to H. Mailander, Wilkes-Barre, $188,385; plumbing for both buildings, to H. W. Wood & Co., 1358 Main St., Buffalo, N. Y., $19,452; electrical work, to Kearney Bros., 39 North Main St., Pittston, $13,710; heating system, to E. Keeler, 238 West St., Williamsport, $49,534. Noted Aug. 21.

★**W. Va., Bluefield**—School—Beaver Pond School Dist. let contract building West End School, on Highland Ave., 2 story, brick, to W. T. Owens, Bluefield, $75,379.

★**N. C., Nashville**—Court House—Nash Co. let contract remodeling 2 story, brick, on Washington St., to H. Weldon Bldg. Co., Weldon, $106,885. Noted July 31.

★**Fla., Jacksonville**—School—Bd Educ. let contract building school, to O. P. Woodcock, 403 Main St. About $62,000.

O., Canton—School—Bd. Educ. received bids building 3 story brick addition to McKinley School, from R. H. Evans & Co., 8 East Long St., Columbus, $946,000; J. Gill & Sons Co., Citizens Bldg., Cleveland, $965,000.

★**O., Cleveland**—Commercial—E. McGeorge, archt., 1900 Euclid Ave., let contract to J. H. Chaney Co., Hippodrome Annex, building 2 story, 83 x 183 ft., rein.-con., steel and brick, at 1900 Prospect Ave., for Kennedy Co., 1900 Euclid Ave. About $85,000. Noted Aug. 21.

O., Cleveland — Office — See "Industrial Works."

★**O., Cleveland**—Sales—W. S. Ferguson Co., archts., 1900 Euclid Bldg., let contract to E. Paulsen Co., Erie Bldg., for 2 story, 107 x 222 ft., rein.-con., steel and brick, on East 30th St. and Chester Ave., for H. T. Neighbors, 1900 Euclid Bldg. About $75,000. Noted Aug. 21.

★**O., Pittsburg**—School—Bd. Educ. let contract building 3 story, 100 x 130 ft., rein.-con and brick, concrete foundation, Monroe Twp., near here, to Knowlton & Knowlton, Greenville, $115,000.

★**O., West Park**—High School—Bd. Educ. let contract building 2 story, 90 x 90 ft., rein.-con., steel and brick addition, on Lorain Rd., to C. Peterson, Engineer's Bldg., Cleveland. About $50,000. Noted July 17.

★**O., West Park**—School—Bd. Educ. let contract building 2 story, 26 x 48 ft., concrete, steel and brick, on Settlement Rd., to C. Peterson, Engineer's Bldg., Cleveland. About $50,000. Noted July 17.

★**Mich., Detroit**—Hotel—Vinton Co., Vinton Bldg., let masonry contract building 3 story, 35 x 200 ft. brick, stone and steel, on Piquette Ave., to Lennane Bros., Union Trust Bldg., carpentry, to H. M. Martens Co., 221 Moffatt Bldg. About $100,000. Noted Aug. 28.

Mich., Detroit—Schools—Bd. Educ., 50 Bway., received bids building (a) Nichols School, (b) Ellis School, (c) Condon School, (1) masonry, (2) carpentry, (3) heating, ventilating and plumbing, from Corrick Bros., 507 Owen Bldg., (a1) $94,486, (c1) $126,375, Culbertson & Kelley, Book Bldg., (a1) $96,520, A. J. Smith Constr. Co., Campau Bldg., (a1) $97,500, (b1) $58,000, (c1) $124,900, W. H. Mueller, Ford Bldg., (b1) $58,400; H. M. Martens Co., 221 Mogat Bldg., (a2) $18,356, (b2) $14,730, (c2) $23,774, Harcus & Co., 774 Russell St., (a2) $19,257, (b2) $12,679, (c2) $24,329, E. Thiede, 287 Berlin St., (a2) $19,378, (b2) $13,353; M. B. O'Connor, Penobscot Bldg., (a3) $42,035, (c3) $48,996, R. L. Spitzley Heating Co., 403 Vinton Bldg., (a3) $51,777, A. W. Schultz Co., 815 Gratiot Ave., (a3) $54,605, (b3) $36,927, (c3) $58,608.

★**Mich., Flint**—Recreation—Gen. Motors Corp., 435 Woodward Ave., Detroit, let contract building 7 story, 214 x 280 ft. brick, steel and rein.-con., rein.-con. flooring, concrete foundation, including dormitory, swimming pool, etc., to Thompson-Starrett Co., Lincoln Bldg., Detroit. About $2,300,000.

★**Ill., Quincy**—School—Bd. Educ. let contract building Irving School, to Lange Bros., Quincy, $143,395. Noted Mar. 6.

★**Wis., Beloit**—Auditorium and Restaurant—Fairbanks-Morse Co. will build 2 story, 60 x 100 ft., brick and steel. About $75,000. Work will be done by day labor.

★**Wis., La Crosse**—Hospital—W. A. Henke, Newbury Bldg., let contract building 4 story, brick, stone and tile addition rein.-con. flooring, concrete foundation, on 17th and Main Sts., to F. Schwalbe & Son, La Crosse. About $50,000.

★**Wis., Sheboygan**—Office—Brust & Philipp, archts., Free Press Bldg., Milwaukee, let contract to Amer. Contg. Co., 198 Milwaukee St., Milwaukee, building 2 and 3 story, 60 x 145 ft., brick, rein.-con. and steel, rein.-con. flooring, brick foundation, on Michigan Ave., for Volrath Co., West Michigan Ave. About $72,500. Noted Sept. 4.

★**Minn., Crookston**—Dining Hall — State Bd. Control, Capitol, St. Paul, let contract building 3 story, 50 x 150 ft., at State Experimental Farm, here, to Carlsted Bros., Builders Exch., Minneapolis, $88,000. Noted July 3.

★**Kan., Wichita**—School—Bd. Educ. let contract building 3 story, 103 x 182 ft., rein.-con., steel and brick, rein.-con. flooring, concrete foundation, known as Mark Twain School, to H. J. Ellis Constr. Co., 927 North St. Francis Ave., $159,984. Noted Aug. 28.

★**Mont., Lewistown**—Grade School—School Dist. No. 1 let contract building 2 story school, to J. Aven, Lewistown. About $52,500. Noted Aug. 14.

★**Mo., St. Joseph** — Infirmary — Comrs. Buchanan Co. let contract building 2 story, 42 x 230 ft., 40 x 133 ft. and 55 x 86 ft., rein.-con., steel and brick addition, rein.-con. flooring, rock and concrete foundation, to Lehr Constr. Co., 1712 Frederick Ave., $168,495.

★**Mo., St. Louis**—Church—St. James Methodist Episcopal Church, St. Ferdinand and Pendelton Aves., let contract building 2 story church, to T. H. Ratz, 4333 Taft Ave. About $50,000.

★**Mo., St. Louis**—Church—West Methodist congregation let contract building 80 x 150 ft., rock, brick and stone, to Reardon Constr. Co., 8th and Chestnut Sts. About $60,000.

★**Mo., St. Louis**—Home—Jewish Orthodox Old Folks Home let contract building 2 story, 36 x 153 ft. steel, brick and concrete, to E. P. Porter, 2407 North Bway. About $50,000.

★**Mo., St. Louis**—Hotel—Machmeho Investment Co., 402 Odd Fellows Bldg., let contract building 6 story, 97 x 120 ft., brick and terra cotta, rock foundation, at 5507 McPherson Ave., to McCarthy Constr. Co., Odd Fellows Bldg. About $200,000.

★**Mo., St. Louis** — Mercantile — Whittier Oliver Investment Co., Title Guarantee Bldg., let contract building 2 story, 75 x 154 ft., brick and concrete, to H. W. Herwick Bldg. Co., Title Guarantee Bldg. About $50,000.

★**Mo., St. Louis**—Mercantile—F. C. Woermann, 5893 Nina Pl., let contract building 2 story, 133 x 135 ft. to Woermann Constr. Co., Century Bldg. About $50,000.

★**Mo., St. Louis**—Theatre—Hamilton Bldg. Co., 110 West 45th St., New York City, let contract building 129 x 310 ft. steel, rein.-con. and brick, on Grand and Lucas Aves., here, to Fleischmann Constr. Co., 110 West 45th St., New York City. About $1,000,000.

★**Tex., Dallas**—Schools—School Bd. let general contract constructing buildings at Bryan High School, to G. W. Hewitt, 332 North Ervay St., $52,597.

★**Tex., Houston**—High School—City let contract building Central High School, to Amer. Constr. Co., 411 Gulf Bldg. About $360,800. Noted June 23.

★**Okla., Alva**—Gymnasium—State Bd. Affairs, Oklahoma, let contract building 2 story, 80 x 160 ft. rein.-con. and brick, rein.-con. flooring, at North Western State Normal School, Main St., here, to Kriepke & Schaffer, El Reno. About $50,000.

★**Colo., Denver**—Home and Service—Salvation Army, 503 Mercantile Bldg., let contract building 3 story, on Curtis St., between 18th and 19th Sts., to C. S. Lamble, Tramway Bldg. About $85,000. Noted Dec. 19.

Buildings (Continued)

Utah, Panguitch—Hotel—L. B. Church received bids building 3 story, 58 x 75 ft. hotel, from J. E. Snyder, Provo, $49,600; J. F. Halliday, Salt Lake City, $49,870; Campbell Bldg. Co., 71 South Main St., Salt Lake City, $55,430. Noted July 10.

★**Ariz., Miami**—School—School Trustees let contract building concrete and brick school, to J. J. Garfield, Miami, $79,841.

★**Ariz., Tucson**—Theatre, etc—Congress Realty Co. let general contract building 2 story, 110 x 185 ft., rein.-con. and brick theatre, store and apartment, to Edwards & Wildey, 515 Black Bldg., Los Angeles, $140,000.

★**Cal., San Francisco**—Office—G. E. Billings, c/o W. H. Ratcliff, archt., 1st Natl. Bank Bldg., Berkeley, let contract building 3 story, 90 x 100 ft., brick, on California St., to W. Sorenson, 3219 Ellis St., Berkeley. About $60,000.

★**Ont., Capreol**—Welfare—Canadian Natl. Rys., 27 Wellington St. E., Toronto, will construct 3 story, 72 x 120 ft., steel and brick buildings, concrete foundations, here, to include swimming pool, dormitories, etc. About $75,000. Work will be done by day labor.

★**Ont., Hamilton**—School—Bd. Educ. let contract building 2 story, concrete, brick and steel, concrete foundation, to W. H. Cooper, Cylde Bldg., $98,775.

★**Ont., Kemptville**—Agricultural College—Provincial Government, Toronto, let contract building 3 story, 60 x 120 ft., brick, wood and concrete flooring, here, to J. H. Holbrook, 19 Monkland Ave., Ottawa. About $125,000.

★**Ont., Ottawa**—Theatre—T. W. Lamb, archt., 644 8th Ave., New York City, let contract to Bate, McMahon Co., Ltd., Central Chambers, constructing 2 story, 100 x 175 ft., steel, brick and stone, brick foundation, here, for M. Loew, 1492 Bway., New York City. About $300,000. Noted July 31.

★**Ont., Sandwich** — School — Separate School Bd. let contract building 2 story, concrete, steel and brick, concrete foundation, to J. V. Gray Constr. Co., Confederation Life Bldg., Toronto. About $55,000.

★**Ont., Toronto**—Theatre—Loew Syndicate, 1492 Bway., New York City, let contract building 2 story, 140 x 225 ft., brick, steel and concrete, concrete foundation, on Yonge St., here, to P. H. Secord & Son, 133 Nelson St., Brantford. About $300,000. Cost plus 10 per cent. Noted Apr. 10.

★**Ont., Toronto**—Theatre—Pantages Theatres, Ltd., Adelaide St., let contract building 2 story, rein.-con., steel and brick, rein.-con. flooring, concrete foundation, on Victoria St., to Jackson, Lewis & Sons, Bell Telephone Bldg. About $500,000.

★**Hawaii, Honolulu**—Office—T. H. Davies & Co. let contract building 4 story, rein.-con. and terra cotta on Bishop and Queen Sts., to Pacific Constr. Co., Honolulu. About $500,000. This is first of group of 7 buildings to be erected. L. C. Mullgardt, Chronicle Bldg., San Francisco, archt.

Federal Government Work

PROPOSED WORK

Mass., Hingham—Dredging—Spec. 4031—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to dredge, here.

D. C., Wash.—Storage Plant—Spec. 4035—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to complete storage plant for fuel oil, here. About $12,000.

D. C., Wash.—Wharf Repairs—Spec. 4029—Bureau Yards & Docks, Navy Dept., Wash., D. C., soon lets contract repairing Militia Wharf, here. About $2700.

W. Va., South Charleston—Motors and Controller—Spec. 4032—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to install four cranes, here.

S. C., Charleston — Quay Wall — Spec. 3773—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids received Aug. 20, building quay wall at Navy Yard, here. Noted Aug. 28.

Ky., Louisville—Lock and Abutment—U. S. Engr. Office, Louisville, received no bids Aug. 27, building lock and abutment for Dam No. 45, Ohio River, at Addison. Noted July 31.

Ill., Great Lakes—Groins—Spec. 4004—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids received Aug. 20, building groins for shore protection, here. Noted Aug. 21.

La., Carroll—Post Office—Treas. dept., Wash., D. C., received no bids building, here. J. A. Wetmore, superv. archt. Noted Aug. 14.

Cal., San Diego—Road Work—Spec. 4030—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build asphalt macadam roads, here. About $4000.

Cal., San Diego—Tank—Spec. 4033—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to complete fuel oil tank, here. About $1800.

Cal., San Diego — Water Supply and Sewerage System and Fuel Oil Storage Reservoir—Spec. 4007—Bureau Yards & Docks, Navy Dept., Wash., D. C., postponed building at Marine Corps, here, indefinitely. Noted Aug. 21.

P. I., Camp Stotsenburg—Air Service Hangars—W. A. Donaldson, Constr. Quartermaster, Manila, soon receives bids building 6 large hangars for small planes, 5 small hangars with cement floors to serve as machine shop, motor repair shop and power house, oil storage and reclamation, 2 large hangars with cement floors to serve as repair and car supply, 1 motor test building and 1 headquarters building and installing gas tank. About $115,000.

P. I., Manila—Aerial Defense Station—W. A. Donaldson, Constr. Quartermaster, Manila, soon receives bids building aerial defense station, here, including hangars, machine and engine repair shop, supply storehouse, barracks, administration building, guard house, etc.

BIDS DESIRED

Mass., Boston—Officers' Quarters, Pavilion, etc.—Until Sept. 30, by Treas. Dept., Wash., D. C., building medical officers', nurses' and pharmacists' and attendants' quarters, tuberculosis pavilion and approaches, pavements, etc., at U. S. Marine Hospital, here. J. A. Wetmore, superv. archt.

Mass., Watertown — Storehouse — Until Sept. 22, by Constr. engr., U. S. Army, c/o Arsenal, building 2 story, 100 x 455 ft. brick storehouse.

N. Y., Rockaway—Heating System and Building—Spec. 4021—Until Sept. 17, by Bureau Yards & Docks, Navy Dept., Wash., D. C., installing heating system and constructing building for hangar No. 2, here. About $7000; $10 deposit required for plans and spec. Noted Aug. 14.

N. Y., Tompkinsville—Rip Rap—Until Sept. 19, by Lighthouse Supt., 3rd Lighthouse Dist., Tompkinsville, furnishing rip rap for East River Light Sta.

Pa., Pittsburgh—Lock and Dam—Until Oct. 3, by U. S. Engr. Office, Pittsburgh, building lock and dam No. 4, Allegheny River, near Natrona; advertised in this issue.

Del., Reedy Island—Boat House—Until Sept. 24, by Treas. Dept., Wash., D. C., building boat house at Quarantine Sta., here. J. A. Wetmore, superv. archt.; advertised in this issue.

Del., Wilmington—Dredging—Until Oct. 4, by U. S. Engr. Office, Old Federal Bldg., dredging Copper River, N. J., and Chester River, Pa.; advertised in this issue.

Md., Annapolis — Boilers and Power Plant—Spec. 4025—Until Sept. 17, by Bureau Yards & Docks, Navy Dept., Wash., D. C., installing 3 boilers and building power plant at Naval Academy, here. About $45,000; $10 deposit required for plans and spec. Noted Aug. 28.

Md., Annapolis—Laundry—Spec. 4006—Until Sept. 24, by Bureau Yards & Docks, Navy Dept., Wash., D. C., building addition to laundry, here. About $50,000; $10 deposit required for plans and spec. Noted July 24.

Md., Baltimore—Dredging—Until Sept. 29, by U. S. Engr. Office, Baltimore, dredging channel in Patapsco River from Fort McHenry Channel toward Ferry Bar; advertised in this issue.

D. C., Tacoma Park—Heating System—Until Sept. 22, by Constr. Quartermaster, Ward 62, Walter Reed Hospital, redistributing present heating line and installing new heating lines.

D. C., Wash.—Grading—Until Sept. 19, by Dist. Comrs., Dist. Bldg., grading certain streets, here, involving 24,000 cu.yd. excav.

Ala., Florence—Floating Plant—U. S. Engr. Office, Florence, wants 3 derrick boats with hull about 30 x 70 x 3 ft., boom 45 to 65 ft., equipped with 3 drum hoisting engines 8 x 10 in. or larger and 3 separate swinging engines, on lease for several months; advertised in this issue.

Mich., Detroit—Dredging—Until Oct. 8, by U. S. Engr. Office, Detroit, dredging in St. Clair River, Port Huron; advertised in this issue.

Mich., Midland—Post Office—Until Oct. 3, by Treas. Dept., Wash., D. C., building post office, here. J. A. Wetmore, superv. archt. Noted May 15.

Kan., Pratt—Post Office—Until Oct. 14, by Treas. Dept., Wash., D. C., building post office, here. J. A. Wetmore, superv. archt.

Mo., St. Louis—Levee Work—Until Oct. 6, by Mississippi River Comn., 1311 International Life Bldg., constructing 145,000 cu.yd. earthwork by hydraulic method in Drury D. D., Ill.; advertised in this issue.

Mo., St. Louis—Levee Work—Until Oct. 6, by Mississippi River, Comn., 1311 International Bldg., constructing 150,000 cu. yd. earth work by hydraulic method in Muscatine-Louisa Island Levee Dist., Ia. Noted July 3; advertised in this issue.

Ark., Marianna—Building—Until Oct. 6, by treas. dept., Wash., D. C., furnishing labor and material for public building, here. J. A. Wetmore, superv. archt.

Colo., Denver—Equipment—Until Oct. 1, by U. S. Recl. Service, Denver, furnishing balance needle valves, high pressure emergency gates and sluice gates for north tunnel of Pathfinder Dam, North Platte Project, Neb.-Wyo.

Wash., Puget Sound — Building — Spec. 4009—Until Sept. 24, by Bureau Yards & Docks, Navy Dept., Wash., D. C., constructing extension to Building No. 178 here. About $50,000; $10 deposit required for plans and spec. Noted Aug. 21.

Hawaii, Pearl Harbor—Power Plant Improvements—Spec. 3956—Until Oct. 22, by Bureau Yards & Docks, Navy Dept., Wash., D. C., improving power plant, here. About $130,000; $10 deposit required for plans and spec. Noted Apr. 10.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. Y., Buffalo**—Dredging—U. S. Engr. Office, 540 Federal Bldg., let contract dredging, here, to Great Lakes Dredge & Dock Co., Morgan Bldg., $153,260. Noted July 31.

★**N. Y., New York**—Dredging—U. S. Engr. Office 39 Whitehall St., let contract dredging in Shrewsbury River, N. J., to Amer. Pipe & Constr. Co., 112 North Broad St., Phila., Pa., $54,107. Noted Aug. 7.

★**N. Y., New York** — Sea Wall — U. S. engr. Office 39 Whitehall St., let contract repairing and enlarging seawall at Sandy Hook Reservation, N. J., to J. A. Howland, Sea Bright, N. J., $495,600. Noted July 31.

N. Y., Stapleton—Boiler Plant—Treas. Dept., Wash., D. C., received only bid Sept. 4, building temporary boiler plant, here, from Austin Heating Corporation, 121 West 42nd St., New York City, $4375. Noted Aug. 21.

N. J., Lakehurst—Hangar—Spec. 4001—Bureau Yards & Docks, Navy Dept., Wash., D. C., received bids Sept. 8, for steel work for dirigible hangar, (1) work complete, from

McClintic Marshall Co., 715 Munsey Building, Wash., D. C., (1) $2,422,173 (360 days); (2) $1,328,693, (360 days); (3) $1,128,480, (210 days); (4) $5.60; (5) add $15, deduct $10; (6) add $1.25, deduct $.85; (7) add $60, deduct $25; (8) add $30, deduct $15; (9) add $1.80, deduct $.80.

Irwin & Leighton, 126 North 12th St., Phila., Pa., (1) $2,433,000, (270 days); (2) $1,283,000, (210 days); (4) add $.065, deduct $.0375; (5) add $17.50, deduct $1; (6) add $2.50, deduct $1; (7) add $60, deduct $26; (8) add $22, deduct $8.50; (9) add $2, deduct $.85.

G. F. Pawling & Co., 1432 South Penn. Sq., Phila., Pa., (1) $2,548,500, (360 days); (2) $1,298,500, (360 days); (3) $1,250,000, (210 days); (4) add $.066, deduct $.055, steel; add $.13, deduct $.07, miscellaneous steel; (5) add $19, deduct $11; (6) add $1.75, deduct $.30; (7) add $65, deduct $23; (8) add $31, deduct $10; (9) add $2.40, deduct $.80.

Federal Government (Continued)

Warren Moore & Co., Colonial Trust Bldg. Phila., Pa., (2) $1,495,396, (time as specified); (5) add $20, deduct $12; (6) add $2; deduct $1; (7) add $53, deduct $15; (8) add $25, deduct $10; (9) add $2, deduct $.50.

Nugent Constr. Corp., 505 5th Ave., New York City, (1) $2,872,000, (270 days); (2) $1,480,000, (210 days); (5) add $27, deduct $11; (6) add $2.25, deduct $.70; (7) add $80, deduct $30; (8) add $35, deduct $10; (9) add $2.60, deduct $1.

Post & McCord, 101 Park Ave., New York City, (2) $1,526,370, (360 days); (5) add $18, deduct $7.50; (6) add $4, deduct $.50; (7) add $60, deduct $20; (8) add $30, deduct $8; (9) add $2, deduct $.50.

H. F. Friedstet Co., 327 South La Salle St., Chicago, Ill., (2) $1,641,863, (360 days); (5) $14; (6) $1.25; (7) add $32, deduct $10; (8) add $75, deduct $30; (9) add $2.50, deduct $1.

J. W. Cooper Co., Fidelity Bldg., Buffalo, N. Y., (1) $2,833,000, (330 days); (2) $1,582,000; (4) $.0625; (5) $11.55; (6) $.70; (7) $36; (8) $18; (9) add $1.15, deduct $65.

Coleman Bros., 1 Marginal St., Chelsea, Mass. (2) $1,600,000, (350 days) (5) $15; (6) $1.20; (7) $2; (8) $2.50; (9) $2.25.

A. C. Moses Constr. Co., 916 New York Ave., Wash., D. C., (2) $1,531,962, (120 days after completion of steel work); (5) $10.67; (6) $1.11; (7) add $50.72, deduct $33; (8) add $28.45, deduct $18; (9) add $1.82, deduct $.65.

J. Gill & Sons, 1302 Citizens Bldg., Cleveland, O., (2) $1,437,000, (time as specified); (4) add $.10, deduct $.05; (5) add $20, deduct $8; (6) add $2.50, deduct $.50; (7) add $100, deduct $10; (8) add $50, deduct $5; (9) add $3, deduct $.50.

Bethlehem Steel Bridge Corp., Bethlehem, Pa., (3) $1,032,000, (210 days); (4) $.05.

Amer. Bridge Co., Wilkins Bldg., Wash., D. C., (3) $1,340,000 (210 days); (4) $.0675. Noted Aug. 21.

★Contract awarded, (2) to Irwin & Leighton; (3) Bethlehem Steel Co.

★**Pa., Fort Mifflin**—Fire Protection System—Spec. 3779—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building fire protection extension, here, to E. C. Fish, Real Estate Trust Bldg., Phila., $9900 (120 days). Noted Aug. 21.

★**Pa., Phila.**—Elevator Shafts—Local Navy Yard let contract building elevator shafts for ways Nos. 2 and 3, to Strang & Mitchell, Real Estate Trust Bldg., $5700 (90 days). Noted June 5.

D. C., Wash.—Road Work—Zone Supply officer received bid resurfacing upper and lower driveways through U. S. National Cemetery, Gettysburg, Pa., from A. C. Smith, 212 Keyser Bldg., Baltimore, $60,-000. (45 days).

★**Va., Norfolk**—Dredging—U. S. Engr. Office, Custom House, let contract dredging in 40 ft. channel, to F. E. Jones, 1002 Bank of Commerce Bldg., $526,555. Noted July 31.

La., New Orleans—Equipment—Spec. 2882—Bureau Yards & Docks, Navy Dept., Wash., D. C., received bids Sept. 3, furnishing mechanical and electrical equipment for power plant, here, (1) work complete, from Carroll Electric Co., 714 12th St. N. W., Wash., D. C., (1) $153,260 (180 days), (2) $141,600, (3) $970, (4) $5500, (5) $2100; W. G. Cornell Co., 923 12th St., N. W., Wash., D. C., (1) $154,880, (2) $10,-990, (3) $1324, (4) $5100, (5) $3750; Sheylin Engr. Co., 110 West 34th St., New York City, (1) $162,900 (180 days), (2) $150,-553, (3) $1425, (4) $5553, (5) $4875. Noted Aug. 28.

Minn., Montevideo—Post Office—Treas. dept., Wash., D. C., received only bid building post office, here, from W. D. Lovell, 1415 South East 8th St., Minneapolis, $64,-830. Noted Aug. 14.

★**Ariz., Leupp**—Bridge—C. Sells, Comr. Indian Affairs, let contract building 300 ft. highway bridge, 18 ft. roadway, over Little Colorado River, to Allied Contractors, Inc., 204 Bee Bldg., Omaha, Neb., $36,000. Noted July 31.

Miscellaneous

PROPOSED WORK

Swimming Pool, etc.—Woodmont, Conn.—W. H. Bradley, Center St., Meriden, soon lets contract building rein.-con. swimming pool, seawall and bathhouse at summer home on Hawley Ave., here. About $25,-000. R. Williams, 185 Church St., New Haven, archt. Noted Aug. 21.

Wall—Weehawken, N. J.—Bd. Freeholders Hudson Co., Jersey City, soon lets contract for repairs to wall of Hudson Co. Blvd. opposite Hudson Pl., here. About $10,000.

Paving Mixers—Phila., Pa.—L. T. Ward Co., 619 Filbert St., plans to purchase second-hand "Koehring" paving mixers in good workable condition.

Storage Tank—Lake City, Ia.—City voted $55,000 bonds and plans to build rein.-con. storage tank, with 200,000 gal. capacity. J. H. Mayne Eng. Co., 235 Merriam Blk., Council Bluffs, engrs.

Park—Belton, Tex.—City issued $25,000 bonds to build park.

Seawalls and Breakwaters—Galveston, Tex.—City and Galveston Co. election Nov. 4, to vote on $5,000,000 bonds to build seawalls and breakwaters.

Levee—Kaufman, Tex.—Levee Dist. No. 6, Kaufman and Rockwall Counties, plans to build 64,700 ft. levee on east fork of Trinity River, 19 ft. high, to reclaim 11,900 acres rich overflow lands. About $544,000. Plans submitted to State Recl. Dept. for approval. B. F. Williams, Rosser, engr.

Pier—Canyon City, Ore.—Grant Co. soon lets contract building concrete piers for bridge over Canyon Creek and grading 2 mi. Canyon Creek-R. Danby Rd. County will issue $35,000 bonds to cover cost of project.

Harbor Improvement—Portland, Ore.—Port of Portland, Pub. Dock Comn. and Industrial Survey Com. plan to survey Portland Harbor, Columbia Slough and Swan Island, for extensive harbor development and improvement. About $20,000. R. G. Dieck, consult. engr.

Dam—Porterville, Cal. — See "Waterworks."

BIDS DESIRED

Land and River Borings—New York, N. Y.—Until Sept. 23, by G. R. Dyer, chn. New York State Bridge and Tunnel Comn. and W. H. Noyes, chn. New Jersey Interstate Bridge and Tunnel Comn., 115 Bway., for land and river borings from vicinity of Canal and Varick Sts. to vicinity of Grove and 12th Sts., Jersey City, involving 2200 ft. casing and 320 ft. core in land sections and 1800 ft. casing and 180 ft core in river sections.

Pier, etc.—New York, N. Y.—Until Sept. 15, by M. Hurlburt, comr. docks, Pier "A," Battery Pl., North River, furnishing all labor and materials for building pier and approach at foot of Dyckman St., North River, and depositing riprap thereat.

Tunnel—Jersey City, N. J.—Until Sept. 23, by New Jersey Interstate Bridge & Tunnel Comn., Room 1110-15 Bway., New York City, for land and river borings from vicinity of Varick and Canal Sts., New York City, along line of proposed vehicular tunnel under Hudson River to vicinity of Grove and 12th Sts., here.

Heating, Ventilating, etc.—Union Hill, N. J.—Until Sept. 18, by Bd. Educ., for heating, ventilating, plumbing, electrical work and vacuum cleaning for school on 1st St. and Hudson Ave. Cost to exceed $25,000.

Paving Materials—Monessen, Pa.—Boro. receiving bids for 328,000 brick paving blocks, 1100 bbls. Portland cement, 1550 tons sand, 1900 tons gravel and 935 ft. Beaver Valley curbstone. A. W. Johns, boro. engr.

Retaining Wall—Grosse Pointe, Mich.—Until Sept. 18, by M. L. Brown & Son, engrs., 821 Chamber of Commerce Bldg., Detroit, building retaining wall consisting of 250 ft. 6 in. rein.-con. wall and 800 ft. wood sheeting and piling wall, involving 3000 yd. dipper, dredge work. About $30,-000. Noted Aug. 14.

Ash Tower, etc.—Sheboygan, Wis.—E. A. Juul, engr., 905 North 8th St., receiving bids furnishing and building ash tower and steam steel ash chute system for Amer. Leather Co., 1102 Wisconsin Ave. Cost between $11,600 and $12,000.

Flood Gates—Pine Bluff, Ark.—Until Sept. 22, by J. B. Quinn, secy. Farelly Lake Levee Dist., at Hotel Pines, building concrete flood gates through levee at Little Bayou Mote, and Big Bayou Mote, Jefferson Co., and Broggins Branch and Bay Bayou, Arkansas Co. Ayres & Miller, Randolph Bldg., Memphis, Tenn., engrs.; advertised in this issue.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Coal Trestle—Easthampton, Mass.**—Hampton Co., Hampton Mills, let contract building concrete and steel coal trestle, to F. T. Ley & Co., Inc., 499 Main St., Springfield. About $15,000. Noted Aug. 28.

★**Wharf—Fall River, Mass.**—See "Industrial Works."

★**Foundation—Providence, R. I.**—Kendall, Taylor & Co., engrs. and archts., 93 Federal St., Boston, let contract to E. F. Miner Bldg. Co., 82 Foster St., Worcester, Mass., building foundation for 5 story, 78 x 143 ft. brick, steel and rein.-con. hospital, rein.-con. flooring, concrete foundation, for Rhode Island Hospital, Eddy St. About $150,000. Noted Aug. 28.

★**Heating and Ventilaitng—New York, N. Y.**—C. B. J. Snyder, supt. school bldgs., Municipal Bldg., let contract to E. Reutzler Co., 404 East 49th St., for installing heating and ventilating apparatus in P. S. No. 57, Crotona and Belmont Aves., for Bd. Educ. Cost $115,712.

★**Pier—Newark, N. J.**—Corn Products Refining Co., 17 Battery Pl., New York City, let general contract building 40 x 900 ft. pier, to Leonard Constr. Co., 6 Church St., New York City; for piling, etc., to Linde & Griffith Co., foot of 4th Ave. About $100,000.

★**Water Machinery—Trenton, N. J.**—A. Bugbee, supt. city comn., let contract furnishing 25,000,000 and 20,000,000 gal. electrical driven centrifugal pump, generator, motor, etc., for city pumping station, to H. F. Stahl, 275 Bellevue Ave., $108,941. Noted Aug. 21.

★**Incinerator—Monessen, Pa.**—Boro. let contract building 2 story, 38 x 42 ft. steel and brick garbage incinerating plant, concrete foundation, in Boyd Hollow, to Morse-Boulger Destruction Co., 39 Cortlandt St., New York City, $10,388. Noted July 24.

★**Column Foundations, etc.—Phila., Pa.**—Dept. City Transit, Chestnut St., let contracts building concrete column foundations for Frankford Elevated Ry., in Front St., near Arch St., and in Frankford Ave., between Dyre and Bridge Sts., to Brown King Constr. Co., Commercial Trust Bldg., $26,-455; building platforms and connecting passages of stations on Front St. at York and Dauphin Sts. and Girard Ave., to F. J. Boas, 201 North Broad St., $118,010. Noted Sept. 4.

★**Tracks—Phila., Pa.**—Dept. City Transit, 1211 Chestnut St., let contract constructing tracks of Frankford Elevated Ry., on elevated railway, in Front St., Kensington Ave. and Frankford Ave. from Callowhill to Harrison Sts., to Snare & Triest, Penn Bldg., $462,010. Noted Aug. 28.

★**Incinerator—Winston-Salem, N. C.**—City let contract building incinerator, to Southern Mach. & Equipment Co., 1114 People's Natl. Bank Bldg., Lynchburg, Va. About $60,000.

★**Underpinning, etc.—Detroit, Mich.**—M. W. Sales & Co., 96 East Jefferson Ave., let contract to J. F. Dayton, 300 Holden Bldg., under-pinning sidewalls and columns of 100 x 140 ft., steel frame building on West Baltimore Ave. Work consists of excavation to depth of 20 ft. below present foundations and placing mass concrete foundations. A. G. Schutt, 1333 Book Bldg., engr.

★**Coal Screenings—St. Louis, Mo.**—City let contract furnishing 70,000 tons coal screenings, for city waterworks, to Boehmer Coal Co., Wright Bldg., $2.82 per ton. Total cost, $159,600.

★**Levee—Bay City, Tex.**—Matagorda Co. Levee Dist. No. 1 let contract building 550,-000 cu.yd. levee work, to J. Hardy, Bay City, $121,391.

★**Wharf—Beaumont, Tex.**—City let contract building pile and timber platform wharf, to W. Moore, Texas City. About $250,000.

★**Heating Pipes—Ottawa, Ont.**—Dominion Government let contract installing heating pipes in Wellington St. heating tunnel, to W. G. Edge, Cambridge St., $18,121.

OFFICIAL PROPOSALS

Bids: Sept. 12.

Canal Improvements

STATE OF NEW YORK
OFFICE OF SUPERINTENDENT OF PUBLIC WORKS
Albany, N. Y.

Sealed proposals will be received by the undersigned at his office in the Capitol at Albany, N. Y., until twelve o'clock noon of Friday, September 12th, 1919, at which place and hour they will be publicly opened and read, for improving the New York State canals pursuant to the provisions of Chapter 147 of the Laws of 1903, and amendatory and supplementary laws, and Chapter 735 of the Laws of 1917 and Chapter 634 of the Laws of 1919, as follows:

SCHENECTADY—SCOTIA BRIDGE ABUTMENTS AND APPROACHES

This contract will provide for constructing the abutments and approaches of a reinforced concrete bridge, to extend from the junction of State Street and Washington Avenue in the city of Schenectady, across the Barge Canal terminal channel, Van Slyck Island, the Barge Canal main channel, Hog Island and the Scotia channel, to a point about three hundred feet north of the junction of Schonowee Avenue and Mohawk Avenue in the village of Scotia.

The construction of all roadway pavements, concrete sidewalks and curbs supported on new fill, track work, trolley wires and feeders, lamps and wiring, drains and other incidental work, will not form a part of this contract; also, a gap will be left in the Scotia approach to provide for the maintenance of traffic for electric cars, vehicles and pedestrians.

Contract plans, sheets 1 to 7 inclusive.

All work must be completed before the expiration of fifteen months after the date of signing the contract.

Plans may be seen and detailed specifications, engineer's estimate of quantities, proposal blanks, forms of contract and bonds required, and other information for proposers, may be had at the office of the Superintendent of Public Works at Albany, N. Y., at the office of the Assistant Superintendent of Public Works for the Eastern Division, Wedgeway building, Schenectady, N. Y., at the office of the Assistant Superintendent of Public Works for the Middle Division at Syracuse, N. Y., at the office of the Assistant Superintendent of Public Works for the Western Division at Rochester, N. Y., and at the canal office, Spaulding's exchange, Buffalo, N. Y.

Copies of detailed plans or drawings may be obtained from the State Eengineer and Surveyor at Albany, N. Y., upon payment to him of the cost of producing them.

Monthly estimates will be paid of ninety per centum (90 per cent.) of the work done at the contract price. Every proposal for said work must be accompanied by a money deposit in the form of a draft or certified check upon some good banking institution in the city of Albany or New York, issued by a national or state bank in good credit within the state and payable at sight to the Superintendent of Public Works for five per centum (5 per cent.) of the amount of the proposal.

The person whose proposal shall be accepted will be required to execute a contract and furnish bonds within ten days from the date of notice of award delivered to him or them in person or mailed to the address given in the proposal.

Upon execution of the contract and approval of bonds, the certified check or draft will be returned to the proposer unless the same shall have been presented for collection prior to such time, in which case the amount of the deposit will be refunded by the Superintendent of Public Works.

The deposits of bidders other than the one to whom the award of contract shall be made will be returned immediately after the award has been made.

The bond required for the faithful performance of the contract shall be in such sum as shall be fixed by the Superintendent of Public Works, which sum shall not be less than twenty per centum (20 per cent.) of the estimated cost of the work according to the contract price, and an additional bond, known as the labor bond, in the sum of ten per centum (10 per cent.) of the amount of the estimated cost of the work according to the contract price, will be required as security that the contractor will pay in full at least once in each month all laborers employed by him upon the work specified to be done in the contract.

In the event that more than one surety company is offered as surety on said bonds co-insurance only will be accepted.

Each proposal must be addressed to the Superintendent of Public Works, Albany, N. Y., and must be endorsed on the envelope with the name of the construction for which the proposal is made.

Award, if made, will be made to the person or persons whose proposal shall be lowest in cost to the State for doing the work, and which shall comply with all provisions required to render it formal. Before any award shall be made the lowest bidder will be required to satisfy the Superintendent of Public Works of his ability to provide suitable equipment and materials for the proper performance of the work.

The right is reserved to reject all proposals and readvertise and award the contract in the regular manner if, in the judgment of the undersigned, the interests of the state will be enhanced thereby.

EDWARD S. WALSH,
Superintendent of Public Works.

The publication of an advertisement on this page is an official notice that bids are wanted from other than local bidders.

It is also a guarantee that maximum competition is invited because Engineering News-Record is the *one* nationally recognized medium for Proposal advertising. Its Searchlight Section is read each week by nearly every worth-while contractor in this country who bids on public work outside his own city.

Official Proposals reaching our office in first mail Wednesday morning (9 o'clock) can usually be published in the issue out the next day. Special price for Official Proposals, $3.60 an inch.

Bids: Sept. 22.

Bridge Construction

Norristown, Pa.

Sealed proposals for the construction of a reinforced concrete bridge of ten (10) arch spans, and nine (9) reinforced concrete girder spans with retained fill approaches, over the Schuylkill River, the Schuylkill Canal and the tracks of the Philadelphia & Reading Railway Company, between Conshohocken and West Conshohocken, Montgomery County, Pennsylvania, will be received by the Controller of Montgomery County, at the Court House in Norristown, Montgomery County, Pennsylvania, until 10 o'clock A. M., September 22nd, 1919, when said proposals, accompanied by the required certified checks and guarantees, will be publicly opened by the County Commissioners, at 11 o'clock A. M., in their office in the Court House, Norristown, Montgomery County, Pennsylvania.

Copies of the plans and specifications, including the form of proposal, may be seen and obtained by contractors at the offices of the County Commissioners, Norristown, Pa., and B. H. Davis, Engineer, 17 Battery Place, New York, N. Y., upon making a deposit of Fifty ($50) Dollars, which sum will be refunded upon the return, in good condition, of the plans and specifications, before date bids are received.

All details in reference to requirements of bidders are contained in form of proposal.

All regular proposals accompanied by the required certified checks and guarantees, received at 10 A. M., will be publicly opened and bids tabulated at 11 A. M. September 22nd, 1919, by the County Commissioners in their office, Norristown, Montgomery County, Pennsylvania. The right is reserved to reject any or all bids or parts thereof not deemed to be to the advantage of the County.

WM. D. HEEBNER,
Controller.

Bids: Sept. 23.

Road Construction

Keyser, W. Va.

Sealed proposals will be received by the County Clerk of Mineral County at Keyser, West Virginia, until 2 o'clock p. m. on the 23rd day of Sept., 1919 for the construction of the following road:

Ridgely-Alaska Road, 12 mi. 16 ft. Gravel Surface Roadway.

Plans, specifications and estimate of quantities may be examined at the County Engineer's office, Keyser, West Virginia, the Division Engineer's office at Keyser, West Virginia, and at the office of the State Road Commission at Charleston, West Virginia.

Proposals will be received only upon State Standard forms, which can be obtained from the undersigned, or from the Division Engineer's office at Keyser, West Virginia.

All proposals must be accompanied by a certified check or draft equal to at least 5% of the total amount bid.

The right is reserved to reject any and all bids.

A. A. JORDAN, County Clerk.

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